

# TECHNICAL DATA

- DE Technische Daten für das Segment Tour
- FR Caractéristiques techniques pour le segment Tour
- IT Dati tecnici per il segmento Tour
- EN Technical data for the Tour segment
- NL Technische gegevens voor het Tour-segment

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DE  
FR  
IT  
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NL



## SERIES

G1 Gotour X  
G1 Gotour EL  
G1 Gotour  
G2 Gotour  
G1 Gotour6  
G1 Gotour3  
G3 Tandem

## IMPRESSUM / LEGAL DISCLOSURE

### Verantwortlich für Inhalt und Abbildungen

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**[www.flyer-bikes.com](http://www.flyer-bikes.com)**.

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# 1 Eigengewicht, Zulassungen & Gewichtsobergrenzen



**Wichtig:** Das tatsächliche Eigengewicht Ihres E-Bikes hängt von Rahmentyp, -grösse und Ausstattung ab. Die hier angegebenen Gewichte wurden ohne Akku ermittelt. Das ausstattungspezifische Eigengewicht für Pedelecs ist auf dem an Pedelecs angebrachten Typenschild angegeben.



**Wichtig:** Das zulässige Gesamtgewicht beinhaltet das Eigengewicht des E-Bikes (mit Akku) sowie das Gewicht von Fahrer, Gepäck und Anhänger (mit Zuladung). Die angegebenen Gesamtgewichte dürfen in keinem Fall überschritten werden, dies kann zum Versagen der Bauteile führen.

Modellreihe	Eigen- gewicht	max. zulässiges Gesamtgewicht <sup>1</sup>	max. Anhängelast <sup>2</sup>	Kindersitz auf Gepäckträger <sup>2</sup>	max. Gepäckträgerlast <sup>2</sup>
G1 Gotour X	TBD	150 kg	nicht zugelassen	nicht zugelassen	25 kg
G1 Gotour EL	30 kg	150 kg	40 kg	nicht zugelassen	25 kg
G1 Gotour	32kg	150 kg	40kg	ja <sup>2</sup>	27 kg
G2 Gotour	34 kg	150 kg	40kg	ja <sup>2</sup>	27 kg
G1 Gotour6	30kg	150 kg	40kg	nicht zugelassen	25 kg
G1 Gotour3	33kg	180 kg	60kg	ja <sup>2</sup>	27 kg
G3 Tandem	41 kg	250 kg	60kg	nicht zugelassen	25 kg

Tabella 1: Eigengewicht, Zulassungen & Gewichtsobergrenzen der verschiedenen E-Bike-Modellreihen

- 1 Maximal zulässiges Gesamtgewicht: Eigengewicht E-Bike (inkl. Akku) + Fahrer + Gepäck + Anhänger (inkl. Ladung).
- 2 High-Speed-Modelle (HS) sind nicht für die Verwendung mit Anhänger zugelassen. Bei Verwendung eines Anhängers reduziert sich die maximale Belastbarkeit des Gepäckträgers und des maximalen Systemgewichts um die maximale Hinterbau-Stützlast von 8 kg.

# 2 Elektrisches Antriebssystem



**Wichtig:** Sie finden zusätzliche Technische Daten zu den Komponenten Ihres E-Antriebs in der Herstelleranleitung für Ihr Elektrisches Antriebssystem.<sup>3</sup>

## 2.1 Panasonic Antrieb

### 2.1.1 Panasonic Mittelmotor

Angabe/ Beschreibung	Motor						
	GX Force Pro FIT	GX Force Pro Coaster FIT	GX Power Plus	GX Power Plus Coaster	GX Ultimate	GX Ultimate Eco FIT	GX Ultimate Pro FIT
<b>Tretunterstützung bis</b> (in km/h)	25	25	25	25	25/45	25	25/45
<b>Nenndauerleistung</b> (in Watt)	250	250	250	250	250	250	250
<b>Max. Output</b> (in Watt 70 RPM)	450	450	450	450	600	600	600
<b>Max. Drehmoment</b> (in Nm)							
• Nabenschaltung Nexus	75	75	75	75	75	75	75
• übrige Naben- und Kettenschaltungen	75	75	75	75	90	–	95
<b>Unterstützungstufen</b> (in %)							
• ECO	70	70	70	70	70	70	70
• Standard	150	150	150	150	150	150	150
• HIGH	300	300	300	300	300	300	300
• AUTO	70–300	70–300	70–300	70–300	70–300	70–300	70–300
<b>Max. Unterstützung</b> (in %)	300	300	300	300	300	300	300
<b>Gewicht</b> (in kg)	3,2	3,2	3,2	3,2	2,9	2,9	2,9
<b>Verbaut in Modell</b>	G1 Upstreet	G1 Upstreet	G2 Upstreet5, G1 Gotour3	G2 Upstreet5	G1 Upstreet3, G2 Upstreet5	G1 Upstreet	G3 Uproc2, G1 Uproc X, G2 Goroc2, G1 Goroc X, G1 Upstreet

Tabelle 2: Angaben für Antriebssysteme mit Panasonic Mittelmotor

### 2.1.2 FLYER Akku

Angabe/Beschreibung	Akku		
	FLYER Seat Tube Battery STB-630	FLYER Smart Integrated Battery SIB-630	FLYER Smart Integrated Battery SIB-750
<b>Kapazität</b> (in Wh)	630	630	750
<b>Energiegehalt mind.</b> (in Ah)	16,75	16,75	20,10
<b>Spannung</b> (in V)	36	36	36
<b>Gewicht</b> (in kg)	3,8	3,7	4,3
<b>Masse L×B×H</b> (in mm)	286×146×111	425×101×105	425×107×115
<b>Verbaut in Modell</b>	G1 Gotour3	G2 Upstreet5	G1 Upstreet3

Tabelle 3: Angaben für FLYER Akkus in Verwendung mit Panasonic Mittelmotoren

<sup>3</sup> In der Herstelleranleitung zu Ihrem Elektrischen Antriebssystem finden Sie insbesondere Angaben zu Betriebs- und Lagertemperaturen von Akku und Ladegerät, zu Anschlussbuchsen am Display inkl. deren Kapazitäten etc.

## 2.1.3 FLYER Ladegeräte

Angabe/Beschreibung	Ladegerät	
	FLYER Charger 4 A 36 V	FLYER Fast Charger 6 A 36 V
<b>Akku-Kompatibilität (inkl. Ladedauer)</b>	FLYER Smart Integrated Battery SIB-630 (5,7h), FLYER Seat Tube Battery STB-630 (5,7h)	FLYER Smart Integrated Battery SIB-750 (4,5h), FLYER Seat Tube Battery STB-630 (3,8h), FLYER Seat Tube Battery STB-750 (4,5h)
<b>Max. Ausgangsleistung (in W)</b>	168	252
<b>Spannung Ladegerät (in V)</b>	36	36
<b>Max. Ladestrom (in A)</b>	4	6

Tabelle 4: Angaben für FLYER Ladegeräte in Verwendung mit FLYER Akkus

## 2.1.4 FIT Akkus

Angabe/Beschreibung	Akku		
	FIB-630 36 V FIT	FIB-750 36 V FIT	Range-Extender RE-540 36 V FIT <sup>4</sup>
<b>Kapazität (in Wh)</b>	630	750	540
<b>Energiegehalt mind. (in Ah)</b>	17,5	20,1	14,7
<b>Spannung (in V)</b>	36	36	36
<b>Gewicht (in kg)</b>	3,7	4,3	3,3
<b>Masse L×B×H (in mm)</b>	392×84×77	461×84×77	309×108×87
<b>Verbaut in Modell</b>	G1 Goroc X, G1 Uproc X, G1 Upstreet	G1 Uproc X, G1 Goroc X, G3 Uproc2, G2 Goroc2, G1 Upstreet	G1 Goroc X, G1 Upstreet

Tabelle 5: Angaben für FIT Akkus in Verwendung mit Panasonic Mittelmotoren

## 2.1.5 FIT Ladegeräte

Angabe/Beschreibung	Ladegerät	
	FIT Charger 4 A 36 V <sup>5</sup>	FIT Fast Charger 6 A 36 V
<b>Akku-Kompatibilität (inkl. Ladedauer)</b>	FIB-630 36 V FIT (5,7h)	FIT RE-540 36 V (3,3h), FIB-630 36 V FIT (3,8h), FIB-750 36 V FIT (4,5h)
<b>Max. Ausgangsleistung (in W)</b>	168	252
<b>Spannung Ladegerät (in V)</b>	36	36
<b>Max. Ladestrom (in A)</b>	4	6

Tabelle 6: Angaben für FIT Ladegeräte in Verwendung mit FIT Akkus (Panasonic Mittelmotoren)

4 Die Zusatzakkus können via Fachhandel und Onlinedienste bestellt werden.

5 FIT-Upgrade zu 6 A möglich (kostenpflichtig).

## 2.2 Bosch Antrieb

### 2.2.1 Bosch Mittelmotor



**Angaben mit Zusatz <sup>d</sup>:** Die angegebenen Werte entsprechen dem maximalen Drehmoment in Nm. Ab Werk ist das maximale Drehmoment tiefer eingestellt. Änderungen können in der eBike Flow App vorgenommen werden.



**Angaben mit Zusatz <sup>\*</sup>:** Die angegebenen Performance-Werte können im Auslieferungszustand niedriger sein. Sie können die Performance-Werte mithilfe der eBike Flow App erhöhen und individuell anpassen. Beachten Sie dabei, dass höhere Performance-Werte zu einem erhöhten Verschleiss führen und sich negativ auf die Reichweite auswirken können.

Motor								
Angabe/ Beschreibung	Smart System Performance Line BDU336Y	Smart System Performance Line BDU346Y	Smart System Performance Line PX BDU347Y	Smart System Performance Line CX BDU0374Y	Smart System Performance Line CX BDU384Y	Smart System Performance Line Speed BDU388Y	Smart System Performance Line CX Race BDU376Y	Smart System Performance Line SX BDU314Y
<b>Tretunterstützung bis</b> (in km/h)	25	25	25	25	25	45	25	25
<b>Nenndauerleistung</b> (in Watt)	250	250	250	250	250	250	250	250
<b>Max. Output</b> (in Watt 70 RPM)	600	600	700	600	750 <sup>e</sup>	750	600	600 <sup>e</sup>
<b>Max. Drehmoment</b> (in Nm)								
• Nabenschaltung Nexus	75	–	90	85	85	–	–	–
• übrige Naben- und Ketten-schaltungen	75	75	90	85	100 90 (Enviolo)	100 <sup>d</sup>	85	60 <sup>d</sup>
<b>Unterstützungsstufen</b> (in %)								
• ECO+	60	60	60	60	60	60	60	60
• ECO	60	60	60	60	60	60	60	60
• LIMIT	–	–	–	–	–	Dynamik max. 400	–	–
• TOUR	140	140	140	140	140	140	140	140
• TOUR+	Dynamik progressiv max. 340	Dynamik progressiv max. 340	Dynamik progressiv max. 400	Dynamik progressiv max. 340	Dynamik progressiv max. 400	Dynamik progressiv max. 400	Dynamik progressiv max. 340	Dynamik progressiv max. 400
• AUTO	Dynamik max. 340	Dynamik max. 340	Dynamik max. 400	Dynamik max. 340	Dynamik max. 400	Dynamik max. 400	Dynamik max. 340	Dynamik max. 400
• SPORT	240	240	240	240	240	240	240	240
• eMTB	Dynamik progressiv max. 340	Dynamik progressiv max. 340	Dynamik progressiv max. 400	Dynamik progressiv max. 340	Dynamik progressiv max. 400	–	Dynamik progressiv max. 340	Dynamik progressiv max. 400
• SPRINT	–	–	–	–	–	–	–	Dynamik progressiv max. 280
• TURBO	340	340	400	340	400	400	340	400
• RACE	–	–	–	–	–	–	400	–
<b>Max. Unterstützung</b> (in %)	340	340	400	340	400 <sup>e</sup>	400	400	340
<b>Gewicht</b> (in kg)	3,2	2,8	2,9	2,9	2,8	2,8	2,7	2,0
<b>Verbaut in Modell</b>	G1 Gotour G1 Gotour EL	G2 Gotour	G2 Goroc X, G1 Goroc, G2 Gotour, G1 Gotour X	G1 Gotour G2 Uproc X G1 Uproc EVO:X	G2 Gotour, G2 Uproc EVO:X, G3 Uproc X, G1 Goroc, G2 Goroc X	G2 Gotour	G1 Uproc EVO:X	G1 Uproc SL:X G1 Upstreet SL

Tabelle 7: Angaben für Antriebssysteme mit Bosch Mittelmotor 1/2

Angabe/Beschreibung	Motor		
	Active Line Plus BDU350	Performance Line BDU365	Performance Cargo Line CX BDU450
<b>Tretunterstützung bis</b> (in km/h)	25	25	25
<b>Nenndauerleistung</b> (in Watt)	250	250	250
<b>Max. Output</b> (in Watt 70RPM)	365	440	600
<b>Max. Drehmoment</b> (in Nm)			
• Nabenschaltung Nexus	50	60	–
• übrige Naben- und Kettenschaltungen	–	65	85
<b>Unterstützungsstufen</b> (in %)			
• ECO	55	55	60
• TOUR	115	120	140
• SPORT	185	200	240
• TURBO	270	300	400
<b>Max. Unterstützung</b> (in %)	270	300	400
<b>Gewicht</b> (in kg)	3,2	3,2	2,9
<b>Verbaut in Modell</b>	G1 Upstreet1, G1 Upstreet2, G1 Gotour6	G1 Upstreet1, G1 Upstreet2, G1 Gotour6	G3 Tandem

Tabelle 8: Angaben für Antriebssysteme mit Bosch Mittelmotor 2/2

## 2.2.2 Bosch Akkus

Angabe/Beschreibung	Akku							
	Smart System Bosch PowerTube 800	Smart System Bosch PowerTube 750	Smart System Bosch PowerTube 625	Smart System Bosch PowerTube 600	Smart System Bosch CompactTube 400	Smart System Bosch PowerMore 250	BES2 Bosch PowerTube 625	BES2 Bosch PowerTube 500
<b>Kapazität</b> (in Wh)	800	750	625	600	400	250	625	500
<b>Energiegehalt mind.</b> (in Ah)	22,2	20,1	16,7	16,7	11,1	6,7	16,7	13,4
<b>Spannung</b> (in V)	36	36	36	48	36	36	36	36
<b>Gewicht</b> (in kg)	3,9	4,3	3,6	3,0	2,0	1,6	3,5	2,9
<b>Masse L×B×H</b> (in mm)	424×77×71	484×84×65	415×84×65	424×71×67	352×75×57	200×88×75	416×84×65	349×84×65
<b>Verbaut in Modell</b>	G2 Goroc X, G1 Goroc, G1 Gotour X, G2 Gotour, G2 Uproc EVO:X, G3 Uproc X	G1 Uproc EVO:X G2 Uproc X G1 Gotour	G1 Gotour EL, G1 Uproc EVO:X, G2 Uproc X	G1 Goroc, G2 Gotour	G1 Uproc SL:X G1 Upstreet SL	G1 Uproc SL:X PowerMore Ready G1 Goroc, G2 Goroc X, G2 Uproc EVO:X, G2 Uproc X, G3 Uproc X, G1 Uproc SL:X, G1 Upstreet SL, G1 Gotour X, G2 Gotour	G1 Gotour6 G3 Tandem	G1 Gotour6 G1 Upstreet2 G1 Upstreet1

Tabelle 9: Angaben für Bosch Akkus in Verwendung mit Bosch Mittelmotoren

## 2.2.3 Bosch Ladegeräte

Angabe/Beschreibung	Ladegerät	
	Bosch Standard Charger 4A BES2	Bosch Fast Charger 6A BES2
<b>Akku-Kompatibilität (inkl. Ladedauer)</b>	Bosch PowerTube 500 (4,5h), Bosch PowerTube 625 (4,9h)	Bosch PowerTube 625 (3,7h)
<b>Max. Ausgangsleistung (in W)</b>	198	290
<b>Spannung Ladegerät (in V)</b>	36	36
<b>Max. Ladestrom (in A)</b>	4	6

Tabelle 10: Angaben für Bosch Ladegeräte in Verwendung mit Bosch Akkus 1/2

Angabe/Beschreibung	Ladegerät	
	Bosch Standard Charger 2A Smart System	Bosch Standard Charger 4A Smart System
<b>Akku-Kompatibilität (inkl. Ladedauer)</b>	Bosch PowerMore 250 (3,7 h) Bosch PowerTube 600 (9,1 h) Bosch PowerTube 800 (12,4 h)	Bosch PowerMore 250 (2,9 h) Bosch CompactTube 400 (3,5 h) Bosch PowerTube 625 (5,4 h) Bosch PowerTube 750 (6 h) Bosch PowerTube 800 (6,9 h)
<b>Max. Ausgangsleistung (in W)</b>	93	177
<b>Spannung Ladegerät (in V)</b>	36	36
<b>Max. Ladestrom (in A)</b>	2	4

Tabelle 11: Angaben für Bosch Ladegeräte in Verwendung mit Bosch Akkus 2/2

## 2.3 Pinion Antrieb

### 2.3.1 Pinion Mittelmotor

Angabe/Beschreibung	Motor		
	E.1.12	E.1.12S	E1.9
Tretunterstützung bis (in km/h)	25	45	25
Nenndauerleistung (in Watt)	250	250	250
Max. Output (in Watt 70RPM)	600	800	600
Max. Drehmoment (in Nm)	Ca. 85 <sup>6</sup>	Ca. 85 <sup>7</sup>	Ca. 85 <sup>7</sup>
Unterstützungsstufen (in %)			
• ECO	60	60	60
• FLOW	120	120	120
• FLEX	180	180	180
• FLY	400	400	400
Max. Unterstützung (in %)	400	400	400
Gewicht (in kg)	4,1 (inkl. Gearbox)	4,1 (inkl. Gearbox)	4,0 (inkl. Gearbox)
Verbaut in Modell	G1 Goroc TR:X G1 Upstreet TR:CF	G1 Goroc TR:X G1 Upstreet TR:CF	G1 Goroc TR

Tabelle 12: Angaben für Antriebssysteme mit Pinion Mittelmotor

### 2.3.2 FIT Akkus

Angabe/Beschreibung	Akku		
	FIT TP-800 48V	FIT TP-700 48V	FIT RE-535 48V <sup>7</sup>
Kapazität (in Wh)	800	700	535
Energiegehalt mind. (in Ah)	16,9	15	11,2
Spannung (in V)	48	48	48
Gewicht (in kg)	3,8	4,0	2,8
Masse L×B×H (in mm)	422,5 × 74,6 × 69,9	414×83,2×80,01	309×108×87
Verbaut in Modell	G1 Goroc TR	G1 Goroc TR:X G1 Upstreet TR:CF	G1 Goroc TR:X G1 Upstreet TR:CF

Tabelle 13: Angaben für FIT Akkus in Verwendung mit Pinion Mittelmotoren

### 2.3.3 FIT Ladegerät

Angabe/Beschreibung	Ladegerät
	48V 5A Pinion FIT
Akku-Kompatibilität (inkl. Ladedauer)	TP 800 48V FIT (4,4 h), TP 700 48V FIT (4,3 h), RE 535 48 V FIT (3,3 h)
Max. Ausgangsleistung (in W)	260
Spannung Ladegerät (in V)	48
Max. Ladestrom (in A)	5

Tabelle 14: Angaben für FIT Ladegeräte in Verwendung mit FIT Akkus (Pinion Mittelmotoren)

6 Vergleichbares, virtuelles Drehmoment (Nm) umgerechnet auf eine 1:1 Übersetzung von MGU Eingangswelle zu Ausgangswelle.

7 Die Zusatzakkus können via Fachhandel und Onlinedienste bestellt werden

# 3 Drehmomente

## 3.1 Lenker & Vorbau

E-Bike-Modell	Drehmoment je Bauteil (in Nm)									
	Lenkergriffe	Bremshebel	Schalthebel	Display-Halter	Remote Display	Remote Sattelstütze	Lenker auf Vorbau	Vorbau auf Gabelschaft	Speedlifter auf Gabelschaft	Winkelverstellung Vorbau
G1 Gotour 5.43	3	6-8	2-2,5	2,5-3	1,5	-	5	5	5-6	-
G1 Gotour 5.43R	3	6-8	2-2,5	2,5-3	1,5	-	5	5	5-6	-
G1 Gotour 7.10	3	6-8	2,5-3,5	1	1,5	-	5	5	-	6
G1 Gotour 7.10 ABS	3	4	2,5-3,5	1	1,5	-	5	5	-	6
G1 Gotour 7.10 SE	3	6-8	2,5-3,5	1	1,5	-	5	5	-	6
G1 Gotour 7.12 XC	3	6-8	2,5-3,5	1	1,5	-	5	5	-	6
G1 Gotour 7.12 XC ABS	3	4	2,5-3,5	1	1,5	-	5	5	-	6
G1 Gotour 7.23	3	6-8	3	1	1,5	-	5	5	-	6
G1 Gotour 7.23 Auto	3	6-8	-	1	1,5	-	5	5	-	6
G1 Gotour 5.12 CX	3	5-7	2,5-3,5	1	1,5	-	5	5	-	-
G1 Gotour 5.23 CX	3	5-7	3	1	1,5	-	5	5	-	-
G1 Gotour 5.43 Comfort CX	3	6-8	2-2,5	1	1,5	-	5-6	5-6	1. 9-10 2. 2-3	-
G1 Gotour 5.43 Comfort NL CX	3	6-8	2-2,5	1	1,5	-	5-6	5-6	1. 9-10 2. 2-3	-
G1 Gotour 5.43 CX	3	6-8	2-2,5	1	1,5	-	5	5	-	-
G1 Gotour X 7.12 XC	3	6-8	2,5-3,5	1	1,5	1,6	5	5	-	6
G1 Gotour X 7.23	3	6-8	-	1	1,5	1,6	5	5	-	6
G2 Gotour 5.10	3	6-8	2,5-3,5	2,5-3	0,6	-	5-6	9-10	-	-
G2 Gotour 7.10	3	6-8	2,5-3,5	1	0,6	-	5	5	-	6
G2 Gotour 7.12 XC	3	6-8	2,5-3,5	1	0,6	-	5	5	-	6
G2 Gotour 7.23	3	6-8	2,5-3,5	1	0,6	-	5	5	-	6
G2 Gotour 7.43	3	6-8	2,5-3,5	1	0,6	-	5	5	-	-
G2 Gotour 7.43 RN	3	6-8	2,5-3,5	1	0,6	-	5	5	-	-
G2 Gotour 7.43 R	3	6-8	2,5-3,5	1	0,6	-	5	5	-	-
G2 Gotour 3.10	3	6-8	2,5-3,5	2,5-3	1,5	-	5-6	9-10	-	-
G2 Gotour 3.43 NL	3	6-8	2-2,5	2,5-3	1,5	-	5-6	9-10	-	14-15
G2 Gotour 3.43 R	3	5-7	2-2,5	2,5-3	1,5	-	5-6	9-10	-	-
G2 Gotour 5.10 HD	3	6-8	2,5-3,5	1	0,6	-	5	5	-	6
G2 Gotour 5.23	3	6-8	-	1	0,6	-	5-6	-	5-6	12-14
G2 Gotour 5.43 HD	3	6-8	2-2,5	1	0,6	-	5	5	-	6
G2 Gotour 5.43 R	3	6-8	2-2,5	1	0,6	-	5-6	-	5-6	12-14
G2 Gotour 7.12 XC V2	3	6-8	2,5-3,5	1	0,6	-	5	5	-	6
G2 Gotour 7.23 HD	3	6-8	-	1	0,6	-	5	5	-	6
G2 Gotour 7.23 HS CH	3	6-8	-	1	0,6	-	5	5	-	6
G1 Gotour EL 3.12 XC	3	6-8	2,5-3,5	2,5-3	0,6	-	5-6	9-10	-	14-15
G1 Gotour EL 3.20	3	6-8	2,5-3,5	2,5-3	0,6	-	5-6	9-10	-	14-15
G1 Gotour EL 3.40	3	6-8	2-2,5	2,5-3	0,6	-	5-6	9-10	-	14-15
G1 Gotour3 7.43	3	4	2-2,5	1	1	-	5-6	9-10	-	11
G1 Gotour6 3.10	3	6-8	5	1	1	-	5-6	9-10	-	-
G1 Gotour6 3.40	3	6-8	2-2,5	1	1	-	5-6	9-10	-	-
G1 Gotour6 3.41R	3	6-8	2-2,5	1	1	-	5-6	9-10	-	-
G1 Gotour6 5.20	3	6-8	2-2,5	1	1	-	6	11	5-6	11
G1 Gotour6 5.40	3	6-8	2-2,5	1	1	-	6	11	5-6	11
G1 Gotour6 5.41R	3	6-8	2-2,5	1	1	-	6	11	5-6	11
G3 Tandem 7.70	3	6-8	3	1	1	-	6	11	-	11
G3 Tandem 7.83	3	6-8	1	1	1	-	6	11	5-6	11

Tabelle 15: Drehmomente für den Lenker & damit verbundene Komponenten

## 3.2 Sattel & Hinterbau

E-Bike-Modell	Drehmoment je Bauteil (in Nm)				
	Sattelgestell	Sattelstützenklemme	Dämpfer oben	Dämpfer unten	Rocker auf Sitzrohr
G1 Gotour 5.43	12	–	–	–	–
G1 Gotour 5.43R	12	–	–	–	–
G1 Gotour 7.10	9–10	–	–	–	–
G1 Gotour 7.10 ABS	9–10	–	–	–	–
G1 Gotour 7.10 SE	9–10	–	–	–	–
G1 Gotour 7.12 XC	9–10	–	–	–	–
G1 Gotour 7.12 XC ABS	9–10	–	–	–	–
G1 Gotour 7.23	9–10	–	–	–	–
G1 Gotour 7.23 Auto	9–10	–	–	–	–
G1 Gotour 5.12 CX	12	–	–	–	–
G1 Gotour 5.23 CX	12	–	–	–	–
G1 Gotour 5.43 Comfort CX	12	–	–	–	–
G1 Gotour 5.43 Comfort NL CX	12	–	–	–	–
G1 Gotour 5.43 CX	12	–	–	–	–
G1 Gotour X 7.12 XC	8–10	–	10	10	10
G1 Gotour X 7.23	8–10	–	10	10	10
G2 Gotour 5.10	12	–	–	–	–
G2 Gotour 7.10	9–10	–	–	–	–
G2 Gotour 7.12 XC	9–10	–	–	–	–
G2 Gotour 7.23	9–10	–	–	–	–
G2 Gotour 7.43	9–10	–	–	–	–
G2 Gotour 7.43 RN	9–10	–	–	–	–
G2 Gotour 7.43 R	9–10	–	–	–	–
G2 Gotour 3.10	9–10	–	–	–	–
G2 Gotour 3.43 NL	9–10	–	–	–	–
G2 Gotour 3.43 R	9–10	–	–	–	–
G2 Gotour 5.10 HD	12–14	–	–	–	–
G2 Gotour 5.23	8	–	–	–	–
G2 Gotour 5.43 HD	12–14	–	–	–	–
G2 Gotour 5.43 R	8	–	–	–	–
G2 Gotour 7.12 XC V2	12–14	–	–	–	–
G2 Gotour 7.23 HD	12–14	–	–	–	–
G2 Gotour 7.23 HS CH	12–14	–	–	–	–
G1 Gotour EL 3.12 XC	9	–	–	–	–
G1 Gotour EL 3.20	9	–	–	–	–
G1 Gotour EL 3.40	9–10	–	–	–	–
G1 Gotour3 7.43	12–14	6–8	–	–	–
G1 Gotour6 3.10	17–19	6–8	–	–	–
G1 Gotour6 3.40	17–19	6–8	–	–	–
G1 Gotour6 3.41R	17–19	6–8	–	–	–
G1 Gotour6 5.20	17–19	6–8	–	–	–
G1 Gotour6 5.40	17–19	6–8	–	–	–
G1 Gotour6 5.41R	17–19	6–8	–	–	–
G3 Tandem 7.70	8–13	6–8	–	–	–
G3 Tandem 7.83	8–13	6–8	–	–	–

Tabelle 16: Drehmomente für den Sattel & den Hinterbau

### 3.3 Antriebskomponenten

E-Bike-Modell	Drehmoment je Bauteil (in Nm)										
	Motorschrauben	Riemenspanner	Platte auf Motor	Kettenblatt- schrauben/Riemens- scheibe	Kurbel	Pedale	Akkualterung	Akkuschiene	Akkuschloss	Wechsel/ Kettenspanner	Riemendämpfer (Snubber)
G1 Gotour 5.43	28–30	–	–	25–30	45–55	34	4–6	–	4–6	–	–
G1 Gotour 5.43R	28–30	–	–	25–30	45–55	34	4–6	–	4–6	–	–
G1 Gotour 7.10	20–22	–	10	25–30	45–55	34	4–6	–	4–6	8–10	–
G1 Gotour 7.10 ABS	20–22	–	10	25–30	45–55	34	4–6	–	4–6	8–10	–
G1 Gotour 7.10 SE	20–22	–	10	25–30	45–55	34	4–6	–	4–6	8–10	–
G1 Gotour 7.12 XC	20–22	–	10	25–30	45–55	34	4–6	–	4–6	8–10	–
G1 Gotour 7.12 XC ABS	20–22	–	10	25–30	45–55	34	4–6	–	4–6	8–10	–
G1 Gotour 7.23	20–22	–	10	25–30	45–55	34	4–6	–	4–6	–	–
G1 Gotour 7.23 Auto	20–22	–	10	25–30	45–55	34	4–6	–	4–6	–	–
G1 Gotour 5.12 CX	20–22	–	10	25–30	45–55	34	4–6	–	4–6	8–10	–
G1 Gotour 5.23 CX	20–22	–	10	25–30	45–55	34	4–6	–	4–6	–	–
G1 Gotour 5.43 Comfort CX	20–22	–	10	25–30	45–55	34	4–6	–	4–6	–	–
G1 Gotour 5.43 Comfort NL CX	20–22	–	10	25–30	45–55	34	4–6	–	4–6	–	–
G1 Gotour 5.43 CX	20–22	–	10	25–30	45–55	34	4–6	–	4–6	–	–
G1 Gotour X 7.12 XC	TBD	–	TBD	25–30	45–55	34	–	TBD	3	8–10	–
G1 Gotour X 7.23	TBD	TBD	TBD	25–30	45–55	34	–	TBD	3	–	8–10
G2 Gotour 5.10	30	–	20	25–30	45–55	34	–	4	3	8–10	–
G2 Gotour 7.10	30	–	20	25–30	45–55	34	–	4	3	8–10	–
G2 Gotour 7.12 XC	30	–	20	25–30	45–55	34	–	4	3	8–10	–
G2 Gotour 7.23	30	–	20	25–30	45–55	34	–	4	3	–	–
G2 Gotour 7.43	30	–	20	25–30	45–55	34	–	4	3	–	–
G2 Gotour 7.43 RN	30	–	20	25–30	45–55	34	–	4	3	–	–
G2 Gotour 7.43 R	TBD	–	20	25–30	45–55	34	–	4	3	–	–
G2 Gotour 3.10	30	–	20	25–30	45–55	34	–	4	3	8–10	–
G2 Gotour 3.43 NL	30	–	20	25–30	45–55	34	–	4	3	–	–
G2 Gotour 3.43 R	30	–	20	25–30	45–55	34	–	4	3	–	–
G2 Gotour 5.10 HD	30	–	20	25–30	45–55	34	–	4	3	8–10	–
G2 Gotour 5.23	30	–	20	25–30	45–55	34	–	4	3	–	–
G2 Gotour 5.43 HD	30	–	20	25–30	45–55	34	–	4	3	–	–
G2 Gotour 5.43 R	30	–	20	25–30	45–55	34	–	4	3	–	–
G2 Gotour 7.12 XC V2	30	–	20	25–30	45–55	34	–	4	3	8–10	–
G2 Gotour 7.23 HD	30	–	20	25–30	45–55	34	–	4	3	–	–
G2 Gotour 7.23 HS CH	30	–	20	25–30	45–55	34	–	4	3	–	–
G1 Gotour3 7.43	20–24	–	–	13	50	34	–	–	8–10	–	–
G1 Gotour6 3.10	28–30	–	9–11	25–30	45–55	34	4–6	–	4–6	8–10	–
G1 Gotour6 3.40	28–30	–	9–11	25–30	45–55	34	4–6	–	4–6	–	–
G1 Gotour6 3.41R	28–30	–	9–11	25–30	45–55	34	4–6	–	4–6	–	–
G1 Gotour6 5.20	28–30	–	9–11	30	45–55	34	4–6	–	4–6	8–10	–
G1 Gotour6 5.40	28–30	–	9–11	30	45–55	34	4–6	–	4–6	8–10	–
G1 Gotour6 5.41R	28–30	–	9–11	30	45–55	34	4–6	–	4–6	8–10	–
G3 Tandem 7.70	28–30	–	9–11	30	45–55	34	4–6	–	4–6	8–10	–
G3 Tandem 7.83	28–30	–	9–11	30	45–55	34	4–6	–	4–6	–	–
G1 Gotour EL 3.12 XC	28–30	–	13–15	25–30	45–55	34	–	4	3	8–10	–
G1 Gotour EL 3.20	28–30	–	13–15	25–30	45–55	34	–	4	3	8–10	–
G1 Gotour EL 3.40	28–30	–	13–15	25–30	45–55	34	–	4	3	8–10	–

Tabelle 17: Drehmomente für Antriebskomponenten

### 3.4 Laufräder & Bremsen

E-Bike-Modell	Drehmoment je Bauteil (in Nm)					
	Radnuten/Steckachse Hinterrad	Steckachse Vorder-rad	Bremsattel Scheibenbremse	Kassette/ Hintere Riemen-scheibe	Speed Sensor	Magnet
G1 Gotour 5.43	30-45	8-10	6-8	-	-	-
G1 Gotour 5.43R	30-45	8-10	6-8	-	-	-
G1 Gotour 7.10	-	8-10	6-8	30-50	-	-
G1 Gotour 7.10 ABS	-	8-10	6	30-50	-	-
G1 Gotour 7.10 SE	-	8-10	6-8	30-50	-	-
G1 Gotour 7.12 XC	-	8-10	6-8	30-50	-	-
G1 Gotour 7.12 XC ABS	-	8-10	6	30-50	-	-
G1 Gotour 7.23	30-40	8-10	6-8	-	-	-
G1 Gotour 7.23 Auto	30-40	8-10	6-8	-	-	-
G1 Gotour 5.12 CX	-	8-10	5-7	30-50	-	-
G1 Gotour 5.23 CX	30-40	8-10	5-7	-	-	-
G1 Gotour 5.43 Comfort CX	30-45	8-10	6-8	-	-	-
G1 Gotour 5.43 Comfort NL CX	30-45	8-10	6-8	-	-	-
G1 Gotour 5.43 CX	30-45	8-10	6-8	-	-	-
G1 Gotour X 7.12 XC		8-10				
G1 Gotour X 7.23		8-10				
G2 Gotour 5.10	-	8-10	6-8	30-50	3	-
G2 Gotour 7.10	-	8-10	6-8	30-50	3	-
G2 Gotour 7.12 XC	-	8-10	6-8	30-50	3	-
G2 Gotour 7.23	30-40	8-10	6-8	-	3	-
G2 Gotour 7.43	30-45	8-10	6-8	-	3	-
G2 Gotour 7.43 RN	30-45	8-10	6-8	-	3	-
G2 Gotour 7.43 R	30-45	8-10	6-8	-	3	-
G2 Gotour 3.10	-	8-10	6-8	30-50	-	-
G2 Gotour 3.43 NL	30-45	8-10	6-8	-	-	-
G2 Gotour 3.43 R	30-45	8-10	6-8	-	-	-
G2 Gotour 5.10 HD	-	8-10	6-8	30-50	3 (XS)	-
G2 Gotour 5.23	30-40	8-10	6-8	-	3 (XS)	4 (XS)
G2 Gotour 5.43 HD	30-45	8-10	6-8	-	3 (XS)	-
G2 Gotour 5.43 R	30-45	8-10	6-8	-	3 (XS)	-
G2 Gotour 7.12 XC V2	-	8-10	6-8	30-50	3 (XS)	-
G2 Gotour 7.23 HD	30-40	8-10	6-8	-	3 (XS)	4 (XS)
G2 Gotour 7.23 HS CH	30-40	8-10	6-8	-	3 (XS)	4 (XS)
G1 Gotour3 7.43						
G1 Gotour6 3.10						
G1 Gotour6 3.40	30-45	21-26	6-8	-	3	1
G1 Gotour6 3.41R	30-45	21-26	6-8	-	3	1
G1 Gotour6 5.20	30-45	21-26	6-8	30-50	3	1
G1 Gotour6 5.40	30-45	21-26	6-8	30-50	3	1
G1 Gotour6 5.41R	-	21-26	6-8	30-50	3	1
G1 Gotour EL 3.12 XC	-	-	6-8	30-50	-	-
G1 Gotour EL 3.20	30-40	-	6-8	-	-	-
G1 Gotour EL 3.40	30-45	-	6-8	-	-	-
G3 Tandem 7.70	-	10	6-8	30-50	3	1
G3 Tandem 7.83	-	10	6-8	-	3	1

Tabelle 18: Drehmomente für die Laufräder & damit verbundene Komponenten



SWISS PREMIUM E-BIKES

**FLYER**

# TECHNICAL DATA

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**FR**

FR Caractéristiques techniques pour le segment Crossover

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# 1 Poids propre, homologations et limites supérieures de poids

FR



**Important** : le poids propre effectif de votre vélo électrique dépend du type et de la taille de son cadre ainsi que de son équipement. Les poids indiqués ici ont été déterminés sans les batteries. Le poids propre spécifique à votre Pedelec en fonction de son équipement est indiqué sur la plaque signalétique du Pedelec.



**Important** : le poids total admissible comprend le poids propre du vélo électrique (avec batterie) auquel s'ajoute le poids du cycliste, des bagages et de la remorque (avec sa charge). Les poids totaux indiqués ne doivent en aucun cas être dépassés sans quoi cela pourrait entraîner la défaillance de composants.

Série	Poids propre	Poids total max. admiss. <sup>1</sup>	Charge tractable max. <sup>2</sup>	Siège enfant sur le porte-bagages <sup>2</sup>	Capacité de charge max. du porte-bagages <sup>2</sup>
G1 Gotour X	TBD	150 kg	non homologué	non homologué	25 kg
G1 Gotour EL	30 kg	150 kg	40 kg	non homologué	25 kg
G1 Gotour	32kg	150 kg	40 kg	oui <sup>2</sup>	27 kg
G2 Gotour	34kg	150 kg	40 kg	ja <sup>2</sup>	27 kg
G1 Gotour6	30kg	150 kg	40 kg	non homologué	25 kg
G1 Gotour3	33kg	180 kg	60 kg	oui <sup>2</sup>	27 kg
G3 Tandem	41 kg	250 kg	60 kg	non homologué	25 kg

Tableau 1 : Poids propre, homologations et limites supérieures de poids des différentes séries de vélos électriques

1 Poids total maximal admissible : Poids propre du vélo électrique (avec batterie) + cycliste + bagages + remorque (avec charge).

2 Les modèles High Speed (HS) ne sont pas homologués pour une utilisation avec une remorque. En cas d'utilisation d'une remorque, la capacité de charge maximale du porte-bagages et du poids de système maximum est réduite de 8 kg, poids correspondant à la charge d'appui maximale du triangle arrière.

## 2 Système d'entraînement électrique



**Important** : le mode d'emploi du fabricant de votre système d'entraînement électrique complète les caractéristiques techniques se rapportant aux composants de votre système de motorisation.<sup>3</sup>

### 2.1 Entraînement Panasonic

#### 2.1.1 Moteur central Panasonic

Informations / Description	Moteur						
	GX Force Pro FIT	GX Force Pro Coaster FIT	GX Power Plus	GX Power Plus Coaster	GX Ultimate	GX Ultimate Eco FIT	GX Ultimate Pro FIT
<b>Assistance au pédalage jusqu'à</b> (en km/h)	25	25	25	25	25/45	25	25/45
<b>Puissance nominale continue</b> (en Watt)	250	250	250	250	250	250	250
<b>Sortie max.</b> (en Watt 70t/min)	450	450	450	450	600	600	600
<b>Couple max.</b> (en Nm)							
• Dérailleur à moyeu Nexus	75	75	75	75	75	75	75
• Autres dérailleurs et moyeux	75	75	75	75	90	–	95
<b>Niveaux d'assistance</b> (en %)							
• ECO	70	70	70	70	70	70	70
• Standard	150	150	150	150	150	150	150
• HIGH (supérieur)	300	300	300	300	300	300	300
• AUTO (automatique)	70–300	70–300	70–300	70–300	70–300	70–300	70–300
<b>Assistance max.</b> (en %)	300	300	300	300	300	300	300
<b>Poids</b> (en kg)	3,2	3,2	3,2	3,2	2,9	2,9	2,9
<b>Intégré au modèle</b>	G1 Upstreet	G1 Upstreet	G2 Upstreet5, G1 Gotour3	G2 Upstreet5	G1 Upstreet3, G2 Upstreet5	G1 Upstreet	G3 Uproc2, G1 Uproc X, G2 Goroc2, G1 Goroc X, G1 Upstreet

Tableau 2 : Indications se rapportant aux systèmes d'entraînement avec moteur central Panasonic

#### 2.1.2 Batteries FLYER

Informations / Description	Batterie		
	FLYER Seat Tube Battery STB-630	FLYER Smart Integrated Battery SIB-630	FLYER Smart Integrated Battery SIB-750
<b>Capacité</b> (en Wh)	630	630	750
<b>Capacité min.</b> (en Ah)	16,75	16,75	20,10
<b>Tension</b> (en V)	36	36	36
<b>Poids</b> (en kg)	3,8	3,7	4,3
<b>Dimensions L x l x H</b> (en mm)	286×146×111	425×101×105	425×107×115
<b>Intégré au modèle</b>	G1 Gotour3	G2 Upstreet5	G1 Upstreet3

Tableau 3 : Indications se rapportant aux batteries FLYER utilisées avec des moteurs centraux Panasonic

<sup>3</sup> Vous trouverez dans le mode d'emploi du fabricant de votre système d'entraînement électrique des informations spécifiques sur les températures de stockage et de service de la batterie et du chargeur, sur les douilles de raccordement à l'écran avec leurs capacités respectives, etc.

## 2.1.3 Chargeurs FLYER

Informations / Description	Chargeur	
	FLYER Charger 4 A 36 V	FLYER Fast Charger 6 A 36 V
Compatibilité avec les batteries (avec temps de charge)	FLYER Smart Integrated Battery SIB-630 (5,7h), FLYER Seat Tube Battery STB-630 (5,7h)	FLYER Smart Integrated Battery SIB-750 (4,5h), FLYER Seat Tube Battery STB-630 (3,8h), FLYER Seat Tube Battery STB-750 (4,5h)
Puissance de sortie max. (en W)	168	252
Tension chargeur (en V)	36	36
Courant de charge max. (en A)	4	6

Tableau 4 : Indications se rapportant aux chargeurs FLYER utilisés avec des batteries FLYER

## 2.1.4 Batteries FIT

Informations / Description	Akku		
	FIB-630 36 V FIT	FIB-750 36 V FIT	Range-Extender RE-540 36 V FIT <sup>4</sup>
Capacité (en Wh)	630	750	540
Capacité min. (en Ah)	17,5	20,1	14,7
Tension (en V)	36	36	36
Poids (en kg)	3,7	4,3	3,3
Dimensions L x l x H (en mm)	392×84×77	461×84×77	309×108×87
Intégré au modèle	G1 Goroc X, G1 Uproc X, G1 Upstreet	G1 Uproc X, G1 Goroc X, G3 Uproc2, G2 Goroc2, G1 Upstreet	G1 Goroc X, G1 Upstreet

Tableau 5 : Indications se rapportant aux batteries FIT utilisées avec des moteurs centraux Panasonic

## 2.1.5 Chargeurs FIT

Informations / Description	Chargeur	
	FIT Charger 4 A 36 V <sup>5</sup>	FIT Fast Charger 6 A 36 V
Compatibilité avec les batteries (avec temps de charge)	FIB-630 36 V FIT (5,7h)	FIT RE-540 36 V (3,3h), FIB-630 36 V FIT (3,8h), FIB-750 36 V FIT (4,5h)
Puissance de sortie max. (en W)	168	252
Tension chargeur (en V)	36	36
Courant de charge max. (en A)	4	6

Tableau 6 : Indications se rapportant aux chargeurs FIT utilisés avec des batteries FIT (moteur central Panasonic)

4 Les secondes batteries sont disponibles auprès des revendeurs spécialisés et peuvent être commandées en ligne.

5 Extension FIT à 6 A possible (payant).

## 2.2 Entraînement Bosch

### 2.2.1 Moteur central Bosch



**Indications avec la mention <sup>d</sup>** : les valeurs indiquées correspondent au couple maximal en Nm. Le couple maximal est réglé à un niveau inférieur en usine. Des modifications peuvent être effectuées dans l'application eBike Flow.



**Indications avec la mention <sup>e</sup>** : Les valeurs de performance indiquées peuvent être inférieures à l'état de livraison. Vous pouvez augmenter les valeurs de performance à l'aide de l'application eBike Flow et les personnaliser. Veuillez noter que des valeurs de performance plus élevées entraînent une usure accrue et peuvent avoir un impact négatif sur l'autonomie.

Moteur								
Informations / Description	Smart System Performance Line BDU336Y	Smart System Performance Line BDU346Y	Smart System Performance Line PX BDU347Y	Smart System Performance Line CX BDU0374Y	Smart System Performance Line CX BDU384Y	Smart System Performance Line Speed BDU388Y	Smart System Performance Line CX Race BDU376Y	Smart System Performance Line SX BDU314Y
<b>Assistance au pédalage jusqu'à</b> (en km/h)	25	25	25	25	25	45	25	25
<b>Puissance nominale continue</b> (en Watt)	250	250	250	250	250	250	250	250
<b>Sortie max.</b> (en Watt 70t/min)	600	600	700	600	750 <sup>e</sup>	750	600	600 <sup>e</sup>
<b>Couple max.</b> (en Nm)								
• Dérailleur à moyeu Nexus	75	–	90	85	85	–	–	–
• Autres dérailleurs et moyeux	75	75	90	85	100 90 (Envio)	100 <sup>f</sup>	85	60 <sup>f</sup>
<b>Niveaux d'assistance</b> (en %)								
• ECO+	60	60	60	60	60	60	60	60
• ECO	60	60	60	60	60	60	60	60
• LIMIT	–	–	–	–	–	Dynamique max. 400	–	–
• TOUR	140	140	140	140	140	140	140	140
• TOUR+	Dynamique progressive max. 340	Dynamique progressive max. 340	Dynamique progressive max. 400	Dynamique progressive max. 340	Dynamique progressive max. 400	Dynamique progressive max. 400	Dynamique progressive max. 340	Dynamique progressive max. 400
• AUTO	Dynamique max. 340	Dynamique max. 340	Dynamique max. 400	Dynamique max. 340	Dynamique max. 400	Dynamique max. 400	Dynamique max. 340	Dynamique max. 400
• SPORT	240	240	240	240	240	240	240	240
• eMTB	Dynamique progressive max. 340	Dynamique progressive max. 340	Dynamique progressive max. 400	Dynamique progressive max. 340	Dynamique progressive max. 400	–	Dynamique progressive max. 340	Dynamique progressive max. 400
• SPRINT	–	–	–	–	–	–	–	Dynamique progressive max. 280
• TURBO	340	340	400	340	400	400	340	400
• RACE	–	–	–	–	–	–	400	–
<b>Assistance max.</b> (en %)	340	340	400	340	400 <sup>e</sup>	400	400	340
<b>Poids</b> (en kg)	3,2	2,8	2,9	2,9	2,8	2,8	2,7	2,0
<b>Intégré au modèle</b>	G1 Gotour G1 Gotour EL	G2 Gotour	G2 Goroc X, G1 Goroc, G2 Gotour, G1 Gotour X	G1 Gotour G2 Uproc X G1 Uproc EVO:X	G2 Gotour, G2 Uproc EVO:X, G3 Uproc X, G1 Goroc, G2 Goroc X	G2 Gotour	G1 Uproc EVO:X	G1 Uproc SL:X G1 Upstreet SL

Tableau 7 : Indications se rapportant aux systèmes d'entraînement avec moteur central Bosch 1/2

Informations / Description	Moteur		
	Active Line Plus BDU350	Performance Line BDU365	Performance Cargo Line CX BDU450
<b>Assistance au pédalage jusqu'à</b> (en km/h)	25	25	25
<b>Puissance nominale continue</b> (en Watt)	250	250	250
<b>Sortie max.</b> (en Watt 70 I/min)	365	440	600
<b>Couple max.</b> (en Nm)			
• Dérailleur à moyeu Nexus	50	60	–
• Autres dérailleurs et moyeux	–	65	85
<b>Niveaux d'assistance</b> (en %)			
• ECO	55	55	60
• TOUR	115	120	140
• SPORT	185	200	240
• TURBO	270	300	400
<b>Assistance max.</b> (en %)	270	300	400
<b>Poids</b> (en kg)	3,2	3,2	2,9
<b>Intégré au modèle</b>	G1 Upstreet1, G1 Upstreet2, G1 Gotour6	G1 Upstreet1, G1 Upstreet2, G1 Gotour6	G3 Tandem

Tableau 8 : Indications se rapportant aux systèmes d'entraînement avec moteur central Bosch 2/2

## 2.2.2 Batteries Bosch

Informations / Description	Batterie							
	Smart System Bosch PowerTube 800	Smart System Bosch PowerTube 750	Smart System Bosch PowerTube 625	Smart System Bosch PowerTube 600	Smart System Bosch CompactTube 400	Smart System Bosch PowerMore 250	BES2 Bosch PowerTube 625	BES2 Bosch PowerTube 500
<b>Capacité</b> (en Wh)	800	750	625	600	400	250	625	500
<b>Capacité min.</b> (en Ah)	22,2	20,1	16,7	16,7	11,1	6,7	16,7	13,4
<b>Tension</b> (en V)	36	36	36	48	36	36	36	36
<b>Poids</b> (en kg)	3,9	4,3	3,6	3,0	2,0	1,6	3,5	2,9
<b>Dimensions L x l x H</b> (en mm)	424×77×71	484×84×65	415×84×65	424×71×67	352×75×57	200×88×75	416×84×65	349×84×65
<b>Intégré au modèle</b>	G2 Goroc X, G1 Goroc, G1 Gotour X, G2 Gotour, G2 Uproc EVO-X, G3 Uproc X	G1 Uproc EVO-X G2 Uproc X G1 Gotour	G1 Gotour EL, G1 Uproc EVO-X, G2 Uproc X	G1 Goroc, G2 Gotour	G1 Uproc SL-X G1 Upstreet SL	G1 Uproc SL-X PowerMore Ready G1 Goroc, G2 Goroc X, G2 Uproc EVO-X, G2 Uproc X, G3 Uproc X, G1 Uproc SL-X, G1 Upstreet SL, G1 Gotour X, G2 Gotour	G1 Gotour6 G3 Tandem	G1 Gotour6 G1 Upstreet2 G1 Upstreet1

Tableau 9 : Indications se rapportant aux batteries Bosch utilisées avec des moteurs centraux Bosch

## 2.2.3 Chargeurs Bosch

Informations / Description	Chargeur	
	Bosch Standard Charger 4A BES2	Bosch Fast Charger 6A BES2
<b>Compatibilité avec les batteries (avec temps de charge)</b>	Bosch PowerTube 500 (4,5h), Bosch PowerTube 625 (4,9h)	Bosch PowerTube 625 (3,7h)
<b>Puissance de sortie max. (en W)</b>	198	290
<b>Tension chargeur (en V)</b>	36	36
<b>Courant de charge max. (en A)</b>	4	6

Tableau 10 : Indications se rapportant aux chargeurs Bosch utilisés avec des batteries Bosch 1/2

Informations / Description	Chargeur	
	Bosch Standard Charger 2A Smart System	Bosch Standard Charger 4A Smart System
<b>Compatibilité avec les batteries (avec temps de charge)</b>	Bosch PowerMore 250 (3,7 h), Bosch PowerTube 600 (9,1 h), Bosch PowerTube 800 (12,4 h)	Bosch PowerMore 250 (2,9 h), Bosch CompactTube 400 (3,5 h), Bosch PowerTube 625 (5,4 h), Bosch PowerTube 750 (6 h), Bosch PowerTube 800 (6,9 h),
<b>Puissance de sortie max. (en W)</b>	93	177
<b>Tension chargeur (en V)</b>	36	36
<b>Courant de charge max. (en A)</b>	2	4

Tableau 11 : Indications se rapportant aux chargeurs Bosch utilisés avec des batteries Bosch 2/2

## 2.3 Entraînement Pinion

### 2.3.1 Moteur central Pinion

Informations / Description	Moteur		
	E.1.12	E.1.12S	E1.9
<b>Assistance au pédalage jusqu'à</b> (en km/h)	25	45	25
<b>Puissance nominale continue</b> (en Watt)	250	250	250
<b>Sortie max.</b> (en Watt 70t/min)	600	800	600
<b>Couple max.</b> (en Nm)	Ca. 85 <sup>6</sup>	Ca. 85 <sup>7</sup>	Ca. 85 <sup>7</sup>
<b>Niveaux d'assistance</b> (en %)			
• ECO	60	60	60
• FLOW	120	120	120
• FLEX	180	180	180
• FLY	400	400	400
<b>Assistance max.</b> (en %)	400	400	400
<b>Poids</b> (en kg)	4,1 (Gearbox incluse)	4,1 (Gearbox incluse)	4,0 (Gearbox incluse)
<b>Intégré au modèle</b>	G1 Goroc TR:X G1 Upstreet TR:CF	G1 Goroc TR:X G1 Upstreet TR:CF	G1 Goroc TR

Tableau 12 : Indications se rapportant aux systèmes d'entraînement avec moteur central Pinion

### 2.3.2 Batteries FIT

Informations / Description	Batterie		
	FIT TP-800 48V	FIT TP-700 48V	FIT RE-535 48V <sup>7</sup>
<b>Capacité</b> (en Wh)	800	700	535
<b>Capacité min.</b> (en Ah)	16,9	15	11,2
<b>Tension</b> (en V)	48	48	48
<b>Poids</b> (en kg)	3,8	4,0	2,8
<b>Dimensions L x l x H</b> (en mm)	422,5 × 74,6 × 69,9	414×83,2×80,01	309×108×87
<b>Intégré au modèle</b>	G1 Goroc TR	G1 Goroc TR:X G1 Upstreet TR:CF	G1 Goroc TR:X G1 Upstreet TR:CF

Tableau 13 : Indications se rapportant aux batteries FIT utilisées avec des moteurs centraux Pinion

### 2.3.3 Chargeurs FIT

Informations / Description	Chargeur
	48V 5A Pinion FIT
<b>Compatibilité avec les batteries (avec temps de charge)</b>	TP 800 48V FIT (4,4 h), TP 700 48V FIT (4,3 h), RE 535 48 V FIT (3,3 h)
<b>Puissance de sortie max.</b> (en W)	260
<b>Tension chargeur</b> (en V)	48
<b>Courant de charge max.</b> (en A)	5

Tableau 14 : Indications se rapportant aux chargeurs FIT utilisés avec des batteries FIT (moteur central Pinion)

6 Couple virtuel comparable (Nm) converti en un rapport 1:1 arbre d'entrée / arbre de sortie MGU.

7 Les batteries supplémentaires peuvent être commandées auprès du commerce spécialisé et des services en ligne

# 3 Couples

## 3.1 Guidon et potence

Modèle de vélo électrique	Couple du composant respectif (en Nm)									
	Grips	Levier de frein	Manette de dérailleur	Support d'écran	Écran remote	Tige de selle remote	Fixation du guidon sur la potence	Fixation de la potence sur la fourche	Fixation du Specifier sur la fourche	Réglage de l'angle à la potence
G1 Gotour 5.43	3	6-8	2-2,5	2,5-3	1,5	-	5	5	5-6	-
G1 Gotour 5.43R	3	6-8	2-2,5	2,5-3	1,5	-	5	5	5-6	-
G1 Gotour 7.10	3	6-8	2,5-3,5	1	1,5	-	5	5	-	6
G1 Gotour 7.10 ABS	3	4	2,5-3,5	1	1,5	-	5	5	-	6
G1 Gotour 7.10 SE	3	6-8	2,5-3,5	1	1,5	-	5	5	-	6
G1 Gotour 7.12 XC	3	6-8	2,5-3,5	1	1,5	-	5	5	-	6
G1 Gotour 7.12 XC ABS	3	4	2,5-3,5	1	1,5	-	5	5	-	6
G1 Gotour 7.23	3	6-8	3	1	1,5	-	5	5	-	6
G1 Gotour 7.23 Auto	3	6-8	-	1	1,5	-	5	5	-	6
G1 Gotour 5.12 CX	3	5-7	2,5-3,5	1	1,5	-	5	5	-	-
G1 Gotour 5.23 CX	3	5-7	3	1	1,5	-	5	5	-	-
G1 Gotour 5.43 Comfort CX	3	6-8	2-2,5	1	1,5	-	5-6	5-6	1, 9-10 2, 2-3	-
G1 Gotour 5.43 Comfort NL CX	3	6-8	2-2,5	1	1,5	-	5-6	5-6	1, 9-10 2, 2-3	-
G1 Gotour 5.43 CX	3	6-8	2-2,5	1	1,5	-	5	5	-	-
G1 Gotour X 7.12 XC	3	6-8	2,5-3,5	1	1,5	1,6	5	5	-	6
G1 Gotour X 7.23	3	6-8	-	1	1,5	1,6	5	5	-	6
G2 Gotour 5.10	3	6-8	2,5-3,5	2,5-3	0,6	-	5-6	9-10	-	-
G2 Gotour 7.10	3	6-8	2,5-3,5	1	0,6	-	5	5	-	6
G2 Gotour 7.12 XC	3	6-8	2,5-3,5	1	0,6	-	5	5	-	6
G2 Gotour 7.23	3	6-8	2,5-3,5	1	0,6	-	5	5	-	6
G2 Gotour 7.43	3	6-8	2,5-3,5	1	0,6	-	5	5	-	-
G2 Gotour 7.43 RN	3	6-8	2,5-3,5	1	0,6	-	5	5	-	-
G2 Gotour 7.43 R	3	6-8	2,5-3,5	1	0,6	-	5	5	-	-
G2 Gotour 3.10	3	6-8	2,5-3,5	2,5-3	1,5	-	5-6	9-10	-	-
G2 Gotour 3.43 NL	3	6-8	2-2,5	2,5-3	1,5	-	5-6	9-10	-	14-15
G2 Gotour 3.43 R	3	5-7	2-2,5	2,5-3	1,5	-	5-6	9-10	-	-
G2 Gotour 5.10 HD	3	6-8	2,5-3,5	1	0,6	-	5	5	-	6
G2 Gotour 5.23	3	6-8	-	1	0,6	-	5-6	-	5-6	12-14
G2 Gotour 5.43 HD	3	6-8	2-2,5	1	0,6	-	5	5	-	6
G2 Gotour 5.43 R	3	6-8	2-2,5	1	0,6	-	5-6	-	5-6	12-14
G2 Gotour 7.12 XC V2	3	6-8	2,5-3,5	1	0,6	-	5	5	-	6
G2 Gotour 7.23 HD	3	6-8	-	1	0,6	-	5	5	-	6
G2 Gotour 7.23 HS CH	3	6-8	-	1	0,6	-	5	5	-	6
G1 Gotour EL 3.12 XC	3	6-8	2,5-3,5	2,5-3	0,6	-	5-6	9-10	-	14-15
G1 Gotour EL 3.20	3	6-8	2,5-3,5	2,5-3	0,6	-	5-6	9-10	-	14-15
G1 Gotour EL 3.40	3	6-8	2-2,5	2,5-3	0,6	-	5-6	9-10	-	14-15
G1 Gotour3 7.43	3	4	2-2,5	1	1	-	5-6	9-10	-	11
G1 Gotour6 3.10	3	6-8	5	1	1	-	5-6	9-10	-	-
G1 Gotour6 3.40	3	6-8	2-2,5	1	1	-	5-6	9-10	-	-
G1 Gotour6 3.41R	3	6-8	2-2,5	1	1	-	5-6	9-10	-	-
G1 Gotour6 5.20	3	6-8	2-2,5	1	1	-	6	11	5-6	11
G1 Gotour6 5.40	3	6-8	2-2,5	1	1	-	6	11	5-6	11
G1 Gotour6 5.41R	3	6-8	2-2,5	1	1	-	6	11	5-6	11
G3 Tandem 7.70	3	6-8	3	1	1	-	6	11	-	11
G3 Tandem 7.83	3	6-8	1	1	1	-	6	11	5-6	11

Tableau 15 : Couples pour le guidon et les composants y étant liés

## 3.2 Selle et triangle arrière

Modèle de vélo électrique	Couple du composant respectif (en Nm)				
	Rail de selle	Collier de tige de selle	Amortisseur en haut	Culbuteur sur tube de selle	Amortisseur en bas
G1 Gotour 5.43	12	–	–	–	–
G1 Gotour 5.43R	12	–	–	–	–
G1 Gotour 7.10	9–10	–	–	–	–
G1 Gotour 7.10 ABS	9–10	–	–	–	–
G1 Gotour 7.10 SE	9–10	–	–	–	–
G1 Gotour 7.12 XC	9–10	–	–	–	–
G1 Gotour 7.12 XC ABS	9–10	–	–	–	–
G1 Gotour 7.23	9–10	–	–	–	–
G1 Gotour 7.23 Auto	9–10	–	–	–	–
G1 Gotour 5.12 CX	12	–	–	–	–
G1 Gotour 5.23 CX	12	–	–	–	–
G1 Gotour 5.43 Comfort CX	12	–	–	–	–
G1 Gotour 5.43 Comfort NL CX	12	–	–	–	–
G1 Gotour 5.43 CX	12	–	–	–	–
G1 Gotour X 7.12 XC	8–10	–	10	10	10
G1 Gotour X 7.23	8–10	–	10	10	10
G2 Gotour 5.10	12	–	–	–	–
G2 Gotour 7.10	9–10	–	–	–	–
G2 Gotour 7.12 XC	9–10	–	–	–	–
G2 Gotour 7.23	9–10	–	–	–	–
G2 Gotour 7.43	9–10	–	–	–	–
G2 Gotour 7.43 RN	9–10	–	–	–	–
G2 Gotour 7.43 R	9–10	–	–	–	–
G2 Gotour 3.10	9–10	–	–	–	–
G2 Gotour 3.43 NL	9–10	–	–	–	–
G2 Gotour 3.43 R	9–10	–	–	–	–
G2 Gotour 5.10 HD	12–14	–	–	–	–
G2 Gotour 5.23	8	–	–	–	–
G2 Gotour 5.43 HD	12–14	–	–	–	–
G2 Gotour 5.43 R	8	–	–	–	–
G2 Gotour 7.12 XC V2	12–14	–	–	–	–
G2 Gotour 7.23 HD	12–14	–	–	–	–
G2 Gotour 7.23 HS CH	12–14	–	–	–	–
G1 Gotour EL 3.12 XC	9	–	–	–	–
G1 Gotour EL 3.20	9	–	–	–	–
G1 Gotour EL 3.40	9–10	–	–	–	–
G1 Gotour3 7.43	12–14	6–8	–	–	–
G1 Gotour6 3.10	17–19	6–8	–	–	–
G1 Gotour6 3.40	17–19	6–8	–	–	–
G1 Gotour6 3.41R	17–19	6–8	–	–	–
G1 Gotour6 5.20	17–19	6–8	–	–	–
G1 Gotour6 5.40	17–19	6–8	–	–	–
G1 Gotour6 5.41R	17–19	6–8	–	–	–
G3 Tandem 7.70	8–13	6–8	–	–	–
G3 Tandem 7.83	8–13	6–8	–	–	–

Tableau 16 : Couples pour la selle et le triangle arrière

### 3.3 Composants de l'entraînement

Modèle de vélo électrique	Couple du composant respectif (en Nm)										
	Vis de fixation du moteur	Tendeur de courroie	Plaque sur moteur	Pouille	Manivelle	Pédales	Rail de batterie	Support de batterie	Antivol de batterie	Tendeur de chaîne	Amortisseur de courroie (Snubber)
G1 Gotour 5.43	28-30	-	-	25-30	45-55	34	4-6	-	4-6	-	-
G1 Gotour 5.43R	28-30	-	-	25-30	45-55	34	4-6	-	4-6	-	-
G1 Gotour 7.10	20-22	-	10	25-30	45-55	34	4-6	-	4-6	8-10	-
G1 Gotour 7.10 ABS	20-22	-	10	25-30	45-55	34	4-6	-	4-6	8-10	-
G1 Gotour 7.10 SE	20-22	-	10	25-30	45-55	34	4-6	-	4-6	8-10	-
G1 Gotour 7.12 XC	20-22	-	10	25-30	45-55	34	4-6	-	4-6	8-10	-
G1 Gotour 7.12 XC ABS	20-22	-	10	25-30	45-55	34	4-6	-	4-6	8-10	-
G1 Gotour 7.23	20-22	-	10	25-30	45-55	34	4-6	-	4-6	-	-
G1 Gotour 7.23 Auto	20-22	-	10	25-30	45-55	34	4-6	-	4-6	-	-
G1 Gotour 5.12 CX	20-22	-	10	25-30	45-55	34	4-6	-	4-6	8-10	-
G1 Gotour 5.23 CX	20-22	-	10	25-30	45-55	34	4-6	-	4-6	-	-
G1 Gotour 5.43 Comfort CX	20-22	-	10	25-30	45-55	34	4-6	-	4-6	-	-
G1 Gotour 5.43 Comfort NL CX	20-22	-	10	25-30	45-55	34	4-6	-	4-6	-	-
G1 Gotour 5.43 CX	20-22	-	10	25-30	45-55	34	4-6	-	4-6	-	-
G1 Gotour X 7.12 XC	TBD	-	TBD	25-30	45-55	34	-	TBD	3	8-10	-
G1 Gotour X 7.23	TBD	TBD	TBD	25-30	45-55	34	-	TBD	3	-	8-10
G2 Gotour 5.10	30	-	20	25-30	45-55	34	-	4	3	8-10	-
G2 Gotour 7.10	30	-	20	25-30	45-55	34	-	4	3	8-10	-
G2 Gotour 7.12 XC	30	-	20	25-30	45-55	34	-	4	3	8-10	-
G2 Gotour 7.23	30	-	20	25-30	45-55	34	-	4	3	-	-
G2 Gotour 7.43	30	-	20	25-30	45-55	34	-	4	3	-	-
G2 Gotour 7.43 RN	30	-	20	25-30	45-55	34	-	4	3	-	-
G2 Gotour 7.43 R	TBD	-	20	25-30	45-55	34	-	4	3	-	-
G2 Gotour 3.10	30	-	20	25-30	45-55	34	-	4	3	8-10	-
G2 Gotour 3.43 NL	30	-	20	25-30	45-55	34	-	4	3	-	-
G2 Gotour 3.43 R	30	-	20	25-30	45-55	34	-	4	3	-	-
G2 Gotour 5.10 HD	30	-	20	25-30	45-55	34	-	4	3	8-10	-
G2 Gotour 5.23	30	-	20	25-30	45-55	34	-	4	3	-	-
G2 Gotour 5.43 HD	30	-	20	25-30	45-55	34	-	4	3	-	-
G2 Gotour 5.43 R	30	-	20	25-30	45-55	34	-	4	3	-	-
G2 Gotour 7.12 XC V2	30	-	20	25-30	45-55	34	-	4	3	8-10	-
G2 Gotour 7.23 HD	30	-	20	25-30	45-55	34	-	4	3	-	-
G2 Gotour 7.23 HS CH	30	-	20	25-30	45-55	34	-	4	3	-	-
G1 Gotour3 7.43	20-24	-	-	13	50	34	-	-	8-10	-	-
G1 Gotour6 3.10	28-30	-	9-11	25-30	45-55	34	4-6	-	4-6	8-10	-
G1 Gotour6 3.40	28-30	-	9-11	25-30	45-55	34	4-6	-	4-6	-	-
G1 Gotour6 3.41R	28-30	-	9-11	25-30	45-55	34	4-6	-	4-6	-	-
G1 Gotour6 5.20	28-30	-	9-11	30	45-55	34	4-6	-	4-6	8-10	-
G1 Gotour6 5.40	28-30	-	9-11	30	45-55	34	4-6	-	4-6	8-10	-
G1 Gotour6 5.41R	28-30	-	9-11	30	45-55	34	4-6	-	4-6	8-10	-
G3 Tandem 7.70	28-30	-	9-11	30	45-55	34	4-6	-	4-6	8-10	-
G3 Tandem 7.83	28-30	-	9-11	30	45-55	34	4-6	-	4-6	-	-
G1 Gotour EL 3.12 XC	28-30	-	13-15	25-30	45-55	34	-	4	3	8-10	-
G1 Gotour EL 3.20	28-30	-	13-15	25-30	45-55	34	-	4	3	8-10	-
G1 Gotour EL 3.40	28-30	-	13-15	25-30	45-55	34	-	4	3	8-10	-

Tableau 17 : Couples pour les composants d'entraînement

## 3.4 Roues et freins

Modèle de vélo électrique	Couple du composant respectif (en Nm)					
	Écrous de roue / axe de roue arrière	Axe de roue avant	Étrier de frein à disque	Cassette/Pouille arrière	Capteur de vitesse	Aimant
G1 Gotour 5.43	30-45	8-10	6-8	-	-	-
G1 Gotour 5.43R	30-45	8-10	6-8	-	-	-
G1 Gotour 7.10	-	8-10	6-8	30-50	-	-
G1 Gotour 7.10 ABS	-	8-10	6	30-50	-	-
G1 Gotour 7.10 SE	-	8-10	6-8	30-50	-	-
G1 Gotour 7.12 XC	-	8-10	6-8	30-50	-	-
G1 Gotour 7.12 XC ABS	-	8-10	6	30-50	-	-
G1 Gotour 7.23	30-40	8-10	6-8	-	-	-
G1 Gotour 7.23 Auto	30-40	8-10	6-8	-	-	-
G1 Gotour 5.12 CX	-	8-10	5-7	30-50	-	-
G1 Gotour 5.23 CX	30-40	8-10	5-7	-	-	-
G1 Gotour 5.43 Comfort CX	30-45	8-10	6-8	-	-	-
G1 Gotour 5.43 Comfort NL CX	30-45	8-10	6-8	-	-	-
G1 Gotour 5.43 CX	30-45	8-10	6-8	-	-	-
G1 Gotour X 7.12 XC		8-10				
G1 Gotour X 7.23		8-10				
G2 Gotour 5.10	-	8-10	6-8	30-50	3	-
G2 Gotour 7.10	-	8-10	6-8	30-50	3	-
G2 Gotour 7.12 XC	-	8-10	6-8	30-50	3	-
G2 Gotour 7.23	30-40	8-10	6-8	-	3	-
G2 Gotour 7.43	30-45	8-10	6-8	-	3	-
G2 Gotour 7.43 RN	30-45	8-10	6-8	-	3	-
G2 Gotour 7.43 R	30-45	8-10	6-8	-	3	-
G2 Gotour 3.10	-	8-10	6-8	30-50	-	-
G2 Gotour 3.43 NL	30-45	8-10	6-8	-	-	-
G2 Gotour 3.43 R	30-45	8-10	6-8	-	-	-
G2 Gotour 5.10 HD	-	8-10	6-8	30-50	3 (XS)	-
G2 Gotour 5.23	30-40	8-10	6-8	-	3 (XS)	4 (XS)
G2 Gotour 5.43 HD	30-45	8-10	6-8	-	3 (XS)	-
G2 Gotour 5.43 R	30-45	8-10	6-8	-	3 (XS)	-
G2 Gotour 7.12 XC V2	-	8-10	6-8	30-50	3 (XS)	-
G2 Gotour 7.23 HD	30-40	8-10	6-8	-	3 (XS)	4 (XS)
G2 Gotour 7.23 HS CH	30-40	8-10	6-8	-	3 (XS)	4 (XS)
G1 Gotour3 7.43						
G1 Gotour6 3.10						
G1 Gotour6 3.40	30-45	21-26	6-8	-	3	1
G1 Gotour6 3.41R	30-45	21-26	6-8	-	3	1
G1 Gotour6 5.20	30-45	21-26	6-8	30-50	3	1
G1 Gotour6 5.40	30-45	21-26	6-8	30-50	3	1
G1 Gotour6 5.41R	-	21-26	6-8	30-50	3	1
G1 Gotour EL 3.12 XC	-	-	6-8	30-50	-	-
G1 Gotour EL 3.20	30-40	-	6-8	-	-	-
G1 Gotour EL 3.40	30-45	-	6-8	-	-	-
G3 Tandem 7.70	-	10	6-8	30-50	3	1
G3 Tandem 7.83	-	10	6-8	-	3	1

Tableau 18 : Couples pour les roues et les composants y étant liés



# TECHNICAL DATA

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# 1 Peso proprio, omologazioni e limiti di peso superiori



**Importante:** il peso proprio effettivo della e-bike dipende dal tipo di telaio, dalla taglia del telaio e dalla dotazione. I pesi indicati qui sono stati determinati senza batteria. Il peso proprio delle pedelec comprensivo della dotazione specifica è riportato sulla targhetta identificativa apposta alle pedelec.



**Importante:** il peso totale consentito comprende il peso proprio della e-bike (con batteria) nonché il peso del conducente, del bagaglio e del rimorchio (con carico). Non superare in nessun caso i pesi totali consentiti indicati, poiché ciò potrebbe causare il guasto dei componenti.

Serie di modelli	Peso proprio	Peso totale max. consentito <sup>1</sup>	Peso rimorchiato max. <sup>2</sup>	Seggiolino per bambini con portapacchi <sup>2</sup>	Carico max. del portapacchi <sup>2</sup>
G1 Gotour X	TBD	150 kg	non consentito	non consentito	25 kg
G1 Gotour EL	30 kg	150 kg	40 kg	non consentito	25 kg
G1 Gotour	32kg	150 kg	40 kg	SJ <sup>2</sup>	27 kg
G2 Gotour	34kg	150 kg	40 kg	SJ <sup>2</sup>	27 kg
G1 Gotour6	30kg	150 kg	40kg	non consentito	25 kg
G1 Gotour3	33kg	180 kg	60kg	SJ <sup>2</sup>	27 kg
G3 Tandem	41 kg	250 kg	60 kg	non consentito	25 kg

Tabella 1: Peso proprio, omologazioni e limiti di peso superiori delle varie serie di modelli di e-bike

1 Peso totale massimo consentito: peso proprio e-bike (con batteria) + conducente + bagaglio + rimorchio (con carico).

2 I modelli High Speed (HS) non sono omologati per l'uso con rimorchio.

Se si utilizza un rimorchio, la portata massima del portapacchi e il peso massimo del sistema si riducono del carico del timone massimo del triangolo posteriore del telaio, pari a 8 kg.

## 2 Sistema propulsivo elettrico



**Importante:** ulteriori dati tecnici sui componenti della propulsione elettrica sono riportati nelle istruzioni del produttore relative al proprio sistema propulsivo elettrico.<sup>3</sup>

### 2.1 Propulsione Panasonic

#### 2.1.1 Motore centrale Panasonic

Indicazione / descrizione	Motore						
	GX Force Pro FIT	GX Force Pro Coaster FIT	GX Power Plus	GX Power Plus Coaster	GX Ultimate	GX Ultimate Eco FIT	GX Ultimate Pro FIT
<b>Assistenza alla pedalata fino a</b> (in km/h)	25	25	25	25	25/45	25	25/45
<b>Potenza continua nominale</b> (in watt)	250	250	250	250	250	250	250
<b>Output max.</b> (in watt 70 giri/min)	450	450	450	450	600	600	600
<b>Coppia max.</b> (in Nm)							
• Cambio nel mozzo Nexus	75	75	75	75	75	75	75
• Resto dei cambi nel mozzo e deragliatori	75	75	75	75	90	–	95
<b>Livelli di assistenza</b> (in %)							
• ECO	70	70	70	70	70	70	70
• Standard	150	150	150	150	150	150	150
• HIGH	300	300	300	300	300	300	300
• AUTO	70–300	70–300	70–300	70–300	70–300	70–300	70–300
<b>Assistenza max.</b> (in %)	300	300	300	300	300	300	300
<b>Peso</b> (in kg)	3,2	3,2	3,2	3,2	2,9	2,9	2,9
<b>Montato nel modello</b>	G1 Upstreet	G1 Upstreet	G2 Upstreet5, G1 Gotour3	G2 Upstreet5	G1 Upstreet3, G2 Upstreet5	G1 Upstreet	G3 Uproc2, G1 Uproc X, G2 Goroc2, G1 Goroc X, G1 Upstreet

Tabella 2: indicazioni relative ai sistemi propulsivi con motore centrale Panasonic

#### 2.1.2 Batterie FLYER

Indicazione / descrizione	Batteria		
	FLYER Seat Tube Battery STB-630	FLYER Smart Integrated Battery SIB-630	FLYER Smart Integrated Battery SIB-750
<b>Capacità</b> (in Wh)	630	630	750
<b>Contenuto di energia min.</b> (in Ah)	16,75	16,75	20,10
<b>Tensione</b> (in V)	36	36	36
<b>Peso</b> (in kg)	3,8	3,7	4,3
<b>Misure LxPxA</b> (in mm)	286×146×111	425×101×105	425×107×115
<b>Montata nel modello</b>	G1 Gotour3	G2 Upstreet5	G1 Upstreet3

Tabella 3: indicazioni relative alle batterie FLYER utilizzate con motori centrali Panasonic

3 Nelle istruzioni del produttore relative al proprio sistema propulsivo elettrico sono contenute in particolare indicazioni sulle temperature d'esercizio e stoccaggio di batteria e caricabatteria, sulle prese di collegamento del display, comprese le loro capacità, ecc.

## 2.1.3 Caricabatteria FLYER

Indicazione / descrizione	Caricabatteria	
	FLYER Charger 4 A 36 V	FLYER Fast Charger 6 A 36 V
Compatibilità con batteria (con durata di carica)	FLYER Smart Integrated Battery SIB-630 (5,7h), FLYER Seat Tube Battery STB-630 (5,7h)	FLYER Smart Integrated Battery SIB-750 (4,5h), FLYER Seat Tube Battery STB-630 (3,8h), FLYER Seat Tube Battery STB-750 (4,5h)
Potenza di uscita max. (in w)	168	252
Tensione caricabatteria (in V)	36	36
Corrente di carica max. (in A)	4	6

Tabella 4: indicazioni relative ai caricabatteria FLYER utilizzati con batterie FLYER

## 2.1.4 Batterie FIT

Indicazione / descrizione	Batteria		
	FIB-630 36 V FIT	FIB-750 36 V FIT	Range Extender RE-540 36 V FIT <sup>4</sup>
Capacità (in Wh)	630	750	540
Contenuto di energia min. (in Ah)	17,5	20,1	14,7
Tensione (in V)	36	36	36
Peso (in kg)	3,7	4,3	3,3
Misure LxPxA (in mm)	392×84×77	461×84×77	309×108×87
Montata nel modello	G1 Goroc X, G1 Uproc X, G1 Upstreet	G1 Uproc X, G1 Goroc X, G3 Uproc2, G2 Goroc2, G1 Upstreet	G1 Goroc X, G1 Upstreet

Tabella 5: indicazioni relative alle batterie FIT utilizzate con motori centrali Panasonic

## 2.1.5 Caricabatteria FIT

Indicazione / descrizione	Caricabatteria	
	FIT Charger 4 A 36 V <sup>5</sup>	FIT Fast Charger 6 A 36 V
Compatibilità con batteria (con durata di carica)	FIB-630 36 V FIT (5,7h)	FIT RE-540 36 V (3,3h), FIB-630 36 V FIT (3,8h), FIB-750 36 V FIT (4,5h)
Potenza di uscita max. (in w)	168	252
Tensione caricabatteria (in V)	36	36
Corrente di carica max. (in A)	4	6

Tabella 6: indicazioni relative ai caricabatteria FIT utilizzati con batterie FIT (motore centrale Panasonic)

4 Le batterie aggiuntive possono essere ordinate attraverso i negozi specializzati e i servizi online.

5 È possibile potenziare la FIT fino a 6 A (a pagamento).

## 2.2 Propulsione Bosch

### 2.2.1 Motore centrale Bosch



**Indicazioni con l'aggiunta <sup>d</sup>:** I valori indicati corrispondono alla coppia massima in Nm. Il valore di fabbrica è impostato su un valore inferiore. È possibile apportare modifiche nell'app eBike Flow.



**Indicazioni con l'aggiunta <sup>e</sup>:** I valori di prestazione indicati possono essere inferiori allo stato di consegna. È possibile aumentare i valori di prestazione e personalizzarli utilizzando l'app eBike Flow. Tenere presente che valori di prestazione più elevati comportano una maggiore usura e possono influire negativamente sull'autonomia.

Indicazione / descrizione	Motor							
	Smart System Performance Line BDU336Y	Smart System Performance Line BDU346Y	Smart System Performance Line PX BDU347Y	Smart System Performance Line CX BDU0374Y	Smart System Performance Line CX BDU384Y	Smart System Performance Line Speed BDU388Y	Smart System Performance Line CX Race BDU376Y	Smart System Performance Line SX BDU314Y
<b>Assistenza alla pedalata fino a</b> (in km/h)	25	25	25	25	25	45	25	25
<b>Potenza continua nominale</b> (in watt)	250	250	250	250	250	250	250	250
<b>Output max.</b> (in watt 70 giri/min)	600	600	700	600	750 <sup>e</sup>	750	600	600 <sup>e</sup>
<b>Coppia max.</b> (in Nm)								
• Cambio nel mozzo Nexus	75	–	90	85	85	–	–	–
• Resto dei cambi nel mozzo e deragliatori	75	75	90	85	100 (Enviolo)	100 <sup>d</sup>	85	60 <sup>d</sup>
<b>Livelli di assistenza</b> (in %)								
• ECO+	60	60	60	60	60	60	60	60
• ECO	60	60	60	60	60	60	60	60
• LIMIT	–	–	–	–	–	Dinamica max. 400	–	–
• TOUR	140	140	140	140	140	140	140	140
• TOUR+	Dinamica progressiva max. 340	Dinamica progressiva max. 340	Dinamica progressiva max. 400	Dinamica progressiva max. 340	Dinamica progressiva max. 400	Dinamica progressiva max. 400	Dinamica progressiva max. 340	Dinamica progressiva max. 400
• AUTO	Dinamica max. 340	Dinamica max. 340	Dinamica max. 400	Dinamica max. 340	Dinamica max. 400	Dinamica max. 400	Dinamica max. 340	Dinamica max. 400
• SPORT	240	240	240	240	240	240	240	240
• eMTB	Dinamica progressiva max. 340	Dinamica progressiva max. 340	Dinamica progressiva max. 400	Dinamica progressiva max. 340	Dinamica progressiva max. 400	–	Dinamica progressiva max. 340	Dinamica progressiva max. 400
• SPRINT	–	–	–	–	–	–	–	Dinamica progressiva max. 280
• TURBO	340	340	400	340	400	400	340	400
• RACE	–	–	–	–	–	–	400	–
<b>Assistenza max.</b> (in %)	340	340	400	340	400 <sup>e</sup>	400	400	340
<b>Peso</b> (in kg)	3,2	2,8	2,9	2,9	2,8	2,8	2,7	2,0
<b>Montato nel modello</b>	G1 Gotour G1 Gotour EL	G2 Gotour	G2 Goroc X, G1 Goroc, G2 Gotour, G1 Gotour X	G1 Gotour G2 Uproc X G1 Uproc EVO-X	G2 Gotour, G2 Uproc EVO-X, G3 Uproc X, G1 Goroc, G2 Goroc X	G2 Gotour	G1 Uproc EVO:X	G1 Uproc SL:X G1 Upstreet SL

Tabella 7: indicazioni relative ai sistemi propulsivi con motore centrale Bosch 1/2

Indicazione / descrizione	Motore		
	Active Line Plus BDU350	Performance Line BDU365	Performance Cargo Line CX BDU450
<b>Assistenza alla pedalata fino a</b> (in km/h)	25	25	25
<b>Potenza continua nominale</b> (in watt)	250	250	250
<b>Output max.</b> (in watt 70 giri/min)	365	440	600
<b>Coppia max.</b> (in Nm)			
• Cambio nel mozzo Nexus	50	60	–
• Resto dei cambi nel mozzo e deragliatori	–	65	85
<b>Livelli di assistenza</b> (in %)			
• ECO	55	55	60
• TOUR	115	120	140
• SPORT	185	200	240
• TURBO	270	300	400
<b>Assistenza max.</b> (in %)	270	300	400
<b>Peso</b> (in kg)	3,2	3,2	2,9
<b>Montato nel modello</b>	G1 Upstreet1, G1 Upstreet2, G1 Gotour6	G1 Upstreet1, G1 Upstreet2, G1 Gotour6	G3 Tandem

Tabella 8: indicazioni relative ai sistemi propulsivi con motore centrale Bosch 2/2

## 2.2.2 Batterie Bosch

Indicazione / descrizione	Batteria							
	Smart System Bosch PowerTube 800	Smart System Bosch PowerTube 750	Smart System Bosch PowerTube 625	Smart System Bosch PowerTube 600	Smart System Bosch CompactTube 400	Smart System Bosch PowerMore 250	BES2 Bosch PowerTube 625	BES2 Bosch PowerTube 500
<b>Capacità</b> (in Wh)	800	750	625	600	400	250	625	500
<b>Contenuto di energia min.</b> (in Ah)	22,2	20,1	16,7	16,7	11,1	6,7	16,7	13,4
<b>Tensione</b> (in V)	36	36	36	48	36	36	36	36
<b>Peso</b> (in kg)	3,9	4,3	3,6	3,0	2,0	1,6	3,5	2,9
<b>Misure LxPxA</b> (in mm)	424x77x71	484x84x65	415x84x65	424x71x67	352x75x57	200x88x75	416x84x65	349x84x65
<b>Montata nel modello</b>	G2 Goroc X, G1 Goroc, G1 Gotour X, G2 Gotour, G2 Uproc EVO-X, G3 Uproc X	G1 Uproc EVO-X G2 Uproc X G1 Gotour	G1 Gotour EL, G1 Uproc EVO-X, G2 Uproc X	G1 Goroc, G2 Gotour	G1 Uproc SL-X G1 Upstreet SL	G1 Uproc SL-X PowerMore Ready G1 Goroc, G2 Goroc X, G2 Uproc EVO-X, G2 Uproc X, G3 Uproc X, G1 Uproc SL-X, G1 Upstreet SL, G1 Gotour X, G2 Gotour	G1 Gotour6 G3 Tandem	G1 Gotour6 G1 Upstreet2 G1 Upstreet1

Tabella 9: indicazioni relative alle batterie Bosch utilizzate con motori centrali Bosch

## 2.2.3 Caricabatteria Bosch

Indicazione / descrizione	Caricabatteria	
	Bosch Standard Charger 4A BES2	Bosch Fast Charger 6A BES2
<b>Compatibilità con batteria (con durata di carica)</b>	Bosch PowerTube 500 (4,5h), Bosch PowerTube 625 (4,9h)	Bosch PowerTube 625 (3,7h)
<b>Potenza di uscita max. (in W)</b>	198	290
<b>Tensione caricabatteria (in V)</b>	36	36
<b>Corrente di carica max. (in A)</b>	4	6

Tabella 10: indicazioni relative ai caricabatteria Bosch utilizzati batterie Bosch 1/2

Indicazione / descrizione	Caricabatteria	
	Bosch Standard Charger 2A Smart System	Bosch Standard Charger 4A Smart System
<b>Compatibilità con batteria (con durata di carica)</b>	Bosch PowerMore 250 (3,7 h) Bosch PowerTube 600 (9,1 h) Bosch PowerTube 800 (12,4 h)	Bosch PowerMore 250 (2,9 h) Bosch CompactTube 400 (3,5 h) Bosch PowerTube 625 (5,4 h) Bosch PowerTube 750 (6 h) Bosch PowerTube 800 (6,9 h)
<b>Potenza di uscita max. (in W)</b>	93	177
<b>Tensione caricabatteria (in V)</b>	36	36
<b>Corrente di carica max. (in A)</b>	2	4

Tabella 11: indicazioni relative ai caricabatteria Bosch utilizzati batterie Bosch 2/2

## 2.3 Propulsione Pinion

### 2.3.1 Motore centrale Pinion

Indicazione / descrizione	Motore		
	E.1.12	E.1.12S	E1.9
Assistenza alla pedalata fino a (in km/h)	25	45	25
Potenza continua nominale (in watt)	250	250	250
Output max. (in watt 70 giri/min)	600	800	600
Coppia max. (in Nm)	Ca. 85 <sup>6</sup>	Ca. 85 <sup>7</sup>	Ca. 85 <sup>7</sup>
Niveaux d'assistance (en %)			
• ECO	60	60	60
• FLOW	120	120	120
• FLEX	180	180	180
• FLY	400	400	400
Assistenza max. (in %)	400	400	400
Peso (in kg)	4,1 (Gearbox incluso)	4,1 (Gearbox incluso)	4,0 (Gearbox incluso)
Montato nel modello	G1 Goroc TR:X	G1 Goroc TR:X	G1 Goroc TR

Tabella 12: indicazioni relative ai sistemi propulsivi con motore centrale Pinion

### 2.3.2 Batterie FIT

Indicazione / descrizione	Batteria		
	FIT TP-800 48V	FIT TP-700 48V	FIT RE-535 48V <sup>7</sup>
Capacità (in Wh)	800	700	535
Contenuto di energia min. (in Ah)	16,9	15	11,2
Tensione (in V)	48	48	48
Peso (in kg)	3,8	4,0	2,8
Misure LxPxX (in mm)	422,5 × 74,6 × 69,9	414×83,2×80,01	309×108×87
Montata nel modello	G1 Goroc TR	G1 Goroc TR:X	G1 Goroc TR:X

Tabella 13: indicazioni relative alle batterie FIT utilizzate con motori centrali Pinion

### 2.3.3 Caricabatteria FIT

Indicazione / descrizione	Caricabatteria
	48V 5A Pinion FIT
Compatibilità con batteria (con durata di carica)	TP 800 48V FIT (4,4 h) TP 700 48V FIT (4,3 h) RE 535 48 V FIT (3,3 h)
Potenza di uscita max. (in w)	260
Tensione caricabatteria (in V)	48
Corrente di carica max. (in A)	5

Tabella 14: indicazioni relative ai caricabatteria FIT utilizzati con batterie FIT (motore centrale Pinion)

6 Coppia virtuale comparabile (Nm) convertita in un rapporto 1:1 dall'albero di entrata della MGU all'albero di uscita.

7 Le batterie aggiuntive possono essere ordinate tramite rivenditori specializzati e servizi online

# 3 Coppie

## 3.1 Manubrio e attacco manubrio

Modello di e-bike	Coppia per ogni componente (in Nm)									
	Maniglie del manubrio	Leva del freno	Leva del cambio	Supporto del display	Remote Display	Remote reggisella	Manubrio su attacco manubrio	Attacco manubrio sulla forcella	Speedlifter su cannotto della forcella	Regolazione dell'angolo attacco manubrio
G1 Gotour 5.43	3	6-8	2-2,5	2,5-3	1,5	-	5	5	5-6	-
G1 Gotour 5.43R	3	6-8	2-2,5	2,5-3	1,5	-	5	5	5-6	-
G1 Gotour 7.10	3	6-8	2,5-3,5	1	1,5	-	5	5	-	6
G1 Gotour 7.10 ABS	3	4	2,5-3,5	1	1,5	-	5	5	-	6
G1 Gotour 7.10 SE	3	6-8	2,5-3,5	1	1,5	-	5	5	-	6
G1 Gotour 7.12 XC	3	6-8	2,5-3,5	1	1,5	-	5	5	-	6
G1 Gotour 7.12 XC ABS	3	4	2,5-3,5	1	1,5	-	5	5	-	6
G1 Gotour 7.23	3	6-8	3	1	1,5	-	5	5	-	6
G1 Gotour 7.23 Auto	3	6-8	-	1	1,5	-	5	5	-	6
G1 Gotour 5.12 CX	3	5-7	2,5-3,5	1	1,5	-	5	5	-	-
G1 Gotour 5.23 CX	3	5-7	3	1	1,5	-	5	5	-	-
G1 Gotour 5.43 Comfort CX	3	6-8	2-2,5	1	1,5	-	5-6	5-6	1, 9-10 2, 2-3	-
G1 Gotour 5.43 Comfort NL CX	3	6-8	2-2,5	1	1,5	-	5-6	5-6	1, 9-10 2, 2-3	-
G1 Gotour 5.43 CX	3	6-8	2-2,5	1	1,5	-	5	5	-	-
G1 Gotour X 7.12 XC	3	6-8	2,5-3,5	1	1,5	1,6	5	5	-	6
G1 Gotour X 7.23	3	6-8	-	1	1,5	1,6	5	5	-	6
G2 Gotour 5.10	3	6-8	2,5-3,5	2,5-3	0,6	-	5-6	9-10	-	-
G2 Gotour 7.10	3	6-8	2,5-3,5	1	0,6	-	5	5	-	6
G2 Gotour 7.12 XC	3	6-8	2,5-3,5	1	0,6	-	5	5	-	6
G2 Gotour 7.23	3	6-8	2,5-3,5	1	0,6	-	5	5	-	6
G2 Gotour 7.43	3	6-8	2,5-3,5	1	0,6	-	5	5	-	-
G2 Gotour 7.43 RN	3	6-8	2,5-3,5	1	0,6	-	5	5	-	-
G2 Gotour 7.43 R	3	6-8	2,5-3,5	1	0,6	-	5	5	-	-
G2 Gotour 3.10	3	6-8	2,5-3,5	2,5-3	1,5	-	5-6	9-10	-	-
G2 Gotour 3.43 NL	3	6-8	2-2,5	2,5-3	1,5	-	5-6	9-10	-	14-15
G2 Gotour 3.43 R	3	5-7	2-2,5	2,5-3	1,5	-	5-6	9-10	-	-
G2 Gotour 5.10 HD	3	6-8	2,5-3,5	1	0,6	-	5	5	-	6
G2 Gotour 5.23	3	6-8	-	1	0,6	-	5-6	-	5-6	12-14
G2 Gotour 5.43 HD	3	6-8	2-2,5	1	0,6	-	5	5	-	6
G2 Gotour 5.43 R	3	6-8	2-2,5	1	0,6	-	5-6	-	5-6	12-14
G2 Gotour 7.12 XC V2	3	6-8	2,5-3,5	1	0,6	-	5	5	-	6
G2 Gotour 7.23 HD	3	6-8	-	1	0,6	-	5	5	-	6
G2 Gotour 7.23 HS CH	3	6-8	-	1	0,6	-	5	5	-	6
G1 Gotour EL 3.12 XC	3	6-8	2,5-3,5	2,5-3	0,6	-	5-6	9-10	-	14-15
G1 Gotour EL 3.20	3	6-8	2,5-3,5	2,5-3	0,6	-	5-6	9-10	-	14-15
G1 Gotour EL 3.40	3	6-8	2-2,5	2,5-3	0,6	-	5-6	9-10	-	14-15
G1 Gotour3 7.43	3	4	2-2,5	1	1	-	5-6	9-10	-	11
G1 Gotour6 3.10	3	6-8	5	1	1	-	5-6	9-10	-	-
G1 Gotour6 3.40	3	6-8	2-2,5	1	1	-	5-6	9-10	-	-
G1 Gotour6 3.41R	3	6-8	2-2,5	1	1	-	5-6	9-10	-	-
G1 Gotour6 5.20	3	6-8	2-2,5	1	1	-	6	11	5-6	11
G1 Gotour6 5.40	3	6-8	2-2,5	1	1	-	6	11	5-6	11
G1 Gotour6 5.41R	3	6-8	2-2,5	1	1	-	6	11	5-6	11
G3 Tandem 7.70	3	6-8	3	1	1	-	6	11	-	11
G3 Tandem 7.83	3	6-8	1	1	1	-	6	11	5-6	11

Tabella 15: coppie relative ai manubri e ai componenti ad essi uniti

## 3.2 Sella e triangolo posteriore del telaio

Modello di e-bike	Coppia per ogni componente (in Nm)				
	Intelaiatura della sella	Morseletto del reggisella	Ammortizzatore superiore	Ammortizzatore inferiore	Rocker su tubo della sella
G1 Gotour 5.43	12	–	–	–	–
G1 Gotour 5.43R	12	–	–	–	–
G1 Gotour 7.10	9–10	–	–	–	–
G1 Gotour 7.10 ABS	9–10	–	–	–	–
G1 Gotour 7.10 SE	9–10	–	–	–	–
G1 Gotour 7.12 XC	9–10	–	–	–	–
G1 Gotour 7.12 XC ABS	9–10	–	–	–	–
G1 Gotour 7.23	9–10	–	–	–	–
G1 Gotour 7.23 Auto	9–10	–	–	–	–
G1 Gotour 5.12 CX	12	–	–	–	–
G1 Gotour 5.23 CX	12	–	–	–	–
G1 Gotour 5.43 Comfort CX	12	–	–	–	–
G1 Gotour 5.43 Comfort NL CX	12	–	–	–	–
G1 Gotour 5.43 CX	12	–	–	–	–
G1 Gotour X 7.12 XC	8–10	–	10	10	10
G1 Gotour X 7.23	8–10	–	10	10	10
G2 Gotour 5.10	12	–	–	–	–
G2 Gotour 7.10	9–10	–	–	–	–
G2 Gotour 7.12 XC	9–10	–	–	–	–
G2 Gotour 7.23	9–10	–	–	–	–
G2 Gotour 7.43	9–10	–	–	–	–
G2 Gotour 7.43 RN	9–10	–	–	–	–
G2 Gotour 7.43 R	9–10	–	–	–	–
G2 Gotour 3.10	9–10	–	–	–	–
G2 Gotour 3.43 NL	9–10	–	–	–	–
G2 Gotour 3.43 R	9–10	–	–	–	–
G2 Gotour 5.10 HD	12–14	–	–	–	–
G2 Gotour 5.23	8	–	–	–	–
G2 Gotour 5.43 HD	12–14	–	–	–	–
G2 Gotour 5.43 R	8	–	–	–	–
G2 Gotour 7.12 XC V2	12–14	–	–	–	–
G2 Gotour 7.23 HD	12–14	–	–	–	–
G2 Gotour 7.23 HS CH	12–14	–	–	–	–
G1 Gotour EL 3.12 XC	9	–	–	–	–
G1 Gotour EL 3.20	9	–	–	–	–
G1 Gotour EL 3.40	9–10	–	–	–	–
G1 Gotour3 7.43	12–14	6–8	–	–	–
G1 Gotour6 3.10	17–19	6–8	–	–	–
G1 Gotour6 3.40	17–19	6–8	–	–	–
G1 Gotour6 3.41R	17–19	6–8	–	–	–
G1 Gotour6 5.20	17–19	6–8	–	–	–
G1 Gotour6 5.40	17–19	6–8	–	–	–
G1 Gotour6 5.41R	17–19	6–8	–	–	–
G3 Tandem 7.70	8–13	6–8	–	–	–
G3 Tandem 7.83	8–13	6–8	–	–	–

Tabella 16: coppie relative a sella e triangolo posteriore del telaio

### 3.3 Componenti della propulsione

Modello di e-bike	Coppia per ogni componente (in Nm)										
	Viti del motore	Tenditore della cinghia	Piastra sul motore	Viti dei rocchetti/Puleggia	Pedivelle	Pedali	Binario della batteria	Supporto della batteria	Lucchetto della batteria	Cambio / tendicatena	Ammortizzatore a cinghia (Snubber)
G1 Gotour 5.43	28-30	-	-	25-30	45-55	34	4-6	-	4-6	-	-
G1 Gotour 5.43R	28-30	-	-	25-30	45-55	34	4-6	-	4-6	-	-
G1 Gotour 7.10	20-22	-	10	25-30	45-55	34	4-6	-	4-6	8-10	-
G1 Gotour 7.10 ABS	20-22	-	10	25-30	45-55	34	4-6	-	4-6	8-10	-
G1 Gotour 7.10 SE	20-22	-	10	25-30	45-55	34	4-6	-	4-6	8-10	-
G1 Gotour 7.12 XC	20-22	-	10	25-30	45-55	34	4-6	-	4-6	8-10	-
G1 Gotour 7.12 XC ABS	20-22	-	10	25-30	45-55	34	4-6	-	4-6	8-10	-
G1 Gotour 7.23	20-22	-	10	25-30	45-55	34	4-6	-	4-6	-	-
G1 Gotour 7.23 Auto	20-22	-	10	25-30	45-55	34	4-6	-	4-6	-	-
G1 Gotour 5.12 CX	20-22	-	10	25-30	45-55	34	4-6	-	4-6	8-10	-
G1 Gotour 5.23 CX	20-22	-	10	25-30	45-55	34	4-6	-	4-6	-	-
G1 Gotour 5.43 Comfort CX	20-22	-	10	25-30	45-55	34	4-6	-	4-6	-	-
G1 Gotour 5.43 Comfort NL CX	20-22	-	10	25-30	45-55	34	4-6	-	4-6	-	-
G1 Gotour 5.43 CX	20-22	-	10	25-30	45-55	34	4-6	-	4-6	-	-
G1 Gotour X 7.12 XC	TBD	-	TBD	25-30	45-55	34	-	TBD	3	8-10	-
G1 Gotour X 7.23	TBD	TBD	TBD	25-30	45-55	34	-	TBD	3	-	8-10
G2 Gotour 5.10	30	-	20	25-30	45-55	34	-	4	3	8-10	-
G2 Gotour 7.10	30	-	20	25-30	45-55	34	-	4	3	8-10	-
G2 Gotour 7.12 XC	30	-	20	25-30	45-55	34	-	4	3	8-10	-
G2 Gotour 7.23	30	-	20	25-30	45-55	34	-	4	3	-	-
G2 Gotour 7.43	30	-	20	25-30	45-55	34	-	4	3	-	-
G2 Gotour 7.43 RN	30	-	20	25-30	45-55	34	-	4	3	-	-
G2 Gotour 7.43 R	TBD	-	20	25-30	45-55	34	-	4	3	-	-
G2 Gotour 3.10	30	-	20	25-30	45-55	34	-	4	3	8-10	-
G2 Gotour 3.43 NL	30	-	20	25-30	45-55	34	-	4	3	-	-
G2 Gotour 3.43 R	30	-	20	25-30	45-55	34	-	4	3	-	-
G2 Gotour 5.10 HD	30	-	20	25-30	45-55	34	-	4	3	8-10	-
G2 Gotour 5.23	30	-	20	25-30	45-55	34	-	4	3	-	-
G2 Gotour 5.43 HD	30	-	20	25-30	45-55	34	-	4	3	-	-
G2 Gotour 5.43 R	30	-	20	25-30	45-55	34	-	4	3	-	-
G2 Gotour 7.12 XC V2	30	-	20	25-30	45-55	34	-	4	3	8-10	-
G2 Gotour 7.23 HD	30	-	20	25-30	45-55	34	-	4	3	-	-
G2 Gotour 7.23 HS CH	30	-	20	25-30	45-55	34	-	4	3	-	-
G1 Gotour3 7.43	20-24	-	-	13	50	34	-	-	8-10	-	-
G1 Gotour6 3.10	28-30	-	9-11	25-30	45-55	34	4-6	-	4-6	8-10	-
G1 Gotour6 3.40	28-30	-	9-11	25-30	45-55	34	4-6	-	4-6	-	-
G1 Gotour6 3.41R	28-30	-	9-11	25-30	45-55	34	4-6	-	4-6	-	-
G1 Gotour6 5.20	28-30	-	9-11	30	45-55	34	4-6	-	4-6	8-10	-
G1 Gotour6 5.40	28-30	-	9-11	30	45-55	34	4-6	-	4-6	8-10	-
G1 Gotour6 5.41R	28-30	-	9-11	30	45-55	34	4-6	-	4-6	8-10	-
G3 Tandem 7.70	28-30	-	9-11	30	45-55	34	4-6	-	4-6	8-10	-
G3 Tandem 7.83	28-30	-	9-11	30	45-55	34	4-6	-	4-6	-	-
G1 Gotour EL 3.12 XC	28-30	-	13-15	25-30	45-55	34	-	4	3	8-10	-
G1 Gotour EL 3.20	28-30	-	13-15	25-30	45-55	34	-	4	3	8-10	-
G1 Gotour EL 3.40	28-30	-	13-15	25-30	45-55	34	-	4	3	8-10	-

Tabella 17: coppie relative ai componenti della propulsione

### 3.4 Ruote e freni

Modello di e-bike	Coppia per ogni componente (in Nm)					
	Dadi delle ruote/asse a rilascio rapido ruota posteriore	Asse a rilascio rapido ruota anteriore	Pinza freno a disco	Cassette/ Puleggia posteriore per cinghia	Speed Sensor	Magnete
G1 Gotour 5.43	30-45	8-10	6-8	-	-	-
G1 Gotour 5.43R	30-45	8-10	6-8	-	-	-
G1 Gotour 7.10	-	8-10	6-8	30-50	-	-
G1 Gotour 7.10 ABS	-	8-10	6	30-50	-	-
G1 Gotour 7.10 SE	-	8-10	6-8	30-50	-	-
G1 Gotour 7.12 XC	-	8-10	6-8	30-50	-	-
G1 Gotour 7.12 XC ABS	-	8-10	6	30-50	-	-
G1 Gotour 7.23	30-40	8-10	6-8	-	-	-
G1 Gotour 7.23 Auto	30-40	8-10	6-8	-	-	-
G1 Gotour 5.12 CX	-	8-10	5-7	30-50	-	-
G1 Gotour 5.23 CX	30-40	8-10	5-7	-	-	-
G1 Gotour 5.43 Comfort CX	30-45	8-10	6-8	-	-	-
G1 Gotour 5.43 Comfort NL CX	30-45	8-10	6-8	-	-	-
G1 Gotour 5.43 CX	30-45	8-10	6-8	-	-	-
G1 Gotour X 7.12 XC		8-10				
G1 Gotour X 7.23		8-10				
G2 Gotour 5.10	-	8-10	6-8	30-50	3	-
G2 Gotour 7.10	-	8-10	6-8	30-50	3	-
G2 Gotour 7.12 XC	-	8-10	6-8	30-50	3	-
G2 Gotour 7.23	30-40	8-10	6-8	-	3	-
G2 Gotour 7.43	30-45	8-10	6-8	-	3	-
G2 Gotour 7.43 RN	30-45	8-10	6-8	-	3	-
G2 Gotour 7.43 R	30-45	8-10	6-8	-	3	-
G2 Gotour 3.10	-	8-10	6-8	30-50	-	-
G2 Gotour 3.43 NL	30-45	8-10	6-8	-	-	-
G2 Gotour 3.43 R	30-45	8-10	6-8	-	-	-
G2 Gotour 5.10 HD	-	8-10	6-8	30-50	3 (XS)	-
G2 Gotour 5.23	30-40	8-10	6-8	-	3 (XS)	4 (XS)
G2 Gotour 5.43 HD	30-45	8-10	6-8	-	3 (XS)	-
G2 Gotour 5.43 R	30-45	8-10	6-8	-	3 (XS)	-
G2 Gotour 7.12 XC V2	-	8-10	6-8	30-50	3 (XS)	-
G2 Gotour 7.23 HD	30-40	8-10	6-8	-	3 (XS)	4 (XS)
G2 Gotour 7.23 HS CH	30-40	8-10	6-8	-	3 (XS)	4 (XS)
G1 Gotour3 7.43						
G1 Gotour6 3.10						
G1 Gotour6 3.40	30-45	21-26	6-8	-	3	1
G1 Gotour6 3.41R	30-45	21-26	6-8	-	3	1
G1 Gotour6 5.20	30-45	21-26	6-8	30-50	3	1
G1 Gotour6 5.40	30-45	21-26	6-8	30-50	3	1
G1 Gotour6 5.41R	-	21-26	6-8	30-50	3	1
G1 Gotour EL 3.12 XC	-	-	6-8	30-50	-	-
G1 Gotour EL 3.20	30-40	-	6-8	-	-	-
G1 Gotour EL 3.40	30-45	-	6-8	-	-	-
G3 Tandem 7.70	-	10	6-8	30-50	3	1
G3 Tandem 7.83	-	10	6-8	-	3	1

Tabella 18: coppie relative alle ruote e ai componenti ad esse uniti



# TECHNICAL DATA

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# 1 Tare weight, approvals and weight limits



**Important:** The actual tare weight of your e-bike depends on the frame type, frame size and equipment. The weights listed here were determined without the battery. The equipment-specific tare weight for pedelecs is indicated on the nameplate attached to the respective pedelec.



**Important:** The permissible total weight includes the tare weight of the e-bike (with battery) and the weight of the cyclist, luggage and trailer (with load). The specified total weights may not be exceeded under any circumstances as component failure could result.

Model series	Tare weight	Max. permissible total weight <sup>1</sup>	Max. trailer load <sup>2</sup>	Child seat on rack <sup>2</sup>	Max. rack load <sup>2</sup>
G1 Gotour X	TBD	150 kg	not permitted	not permitted	25 kg
G1 Gotour EL	30 kg	150 kg	40 kg	not permitted	25 kg
G1 Gotour	32 kg	150 kg	40 kg	yes <sup>2</sup>	27 kg
G2 Gotour	34 kg	150 kg	40 kg	yes <sup>2</sup>	27 kg
G1 Gotour6	30 kg	150 kg	40 kg	not permitted	25 kg
G1 Gotour3	33 kg	180 kg	60 kg	yes <sup>2</sup>	27 kg
G3 Tandem	41 kg	250 kg	60 kg	not permitted	25 kg

Table 1: Tare weight, approvals and weight limits of the various e-bike model series

EN

- 1 Maximum permissible total weight: Tare weight of e-bike (including battery) + cyclist + luggage + trailer (including load).
- 2 High-speed (HS) models are not approved for use with trailers.  
When using a trailer, the maximum load capacity of the rack and the maximum system weight is reduced by the maximum chainstay support load of 8 kg.

## 2 Electric drive system



**Important:** You will find additional technical data on the components of your electric drive in the manufacturer's instructions for your electric drive system.<sup>3</sup>

### 2.1 Panasonic drive

#### 2.1.1 Panasonic mid-drive motor

Specification/ description	Motor						
	GX Force Pro FIT	GX Force Pro Coaster FIT	GX Power Plus	GX Power Plus Coaster	GX Ultimate	GX Ultimate Eco FIT	GX Ultimate Pro FIT
<b>Pedal assist up to</b> (in km/h)	25	25	25	25	25/45	25	25/45
<b>Rated continuous power</b> (in watts)	250	250	250	250	250	250	250
<b>Max. output</b> (in watts, 70 rpm)	450	450	450	450	600	600	600
<b>Max. torque</b> (in Nm)							
• Nexus hub gears	75	75	75	75	75	75	75
• Other hub and derailleur gears	75	75	75	75	90	–	95
<b>Assistance levels</b> (in %)							
• ECO	70	70	70	70	70	70	70
• Standard	150	150	150	150	150	150	150
• HIGH	300	300	300	300	300	300	300
• AUTO	70–300	70–300	70–300	70–300	70–300	70–300	70–300
<b>Max. assistance</b> (in %)	300	300	300	300	300	300	300
<b>Weight</b> (in kg)	3.2	3.2	3.2	3.2	2.9	2.9	2.9
<b>Installed in model</b>	G1 Upstreet	G1 Upstreet	G2 Upstreet5, G1 Gotour3	G2 Upstreet5	G1 Upstreet3, G2 Upstreet5	G1 Upstreet	G3 Uproc2, G1 Uproc X, G2 Goroc2, G1 Goroc X, G1 Upstreet

Table 2: Specifications for drive systems with Panasonic mid-drive motor

#### 2.1.2 FLYER batteries

Specification/description	Battery		
	FLYER Seat Tube Battery STB-630	FLYER Smart Integrated Battery SIB-630	FLYER Smart Integrated Battery SIB-750
<b>Capacity</b> (in Wh)	630	630	750
<b>Min. energy content</b> (in Ah)	16.75	16.75	20.10
<b>Voltage</b> (in V)	36	36	36
<b>Weight</b> (in kg)	3.8	3.7	4.3
<b>Dimensions L×W×H</b> (in mm)	286×146×111	425×101×105	425×107×115
<b>Installed in model</b>	G1 Gotour3	G2 Upstreet5	G1 Upstreet3

Table 3: Specifications for FLYER batteries in use with Panasonic mid-drive mounted motors

<sup>3</sup> The manufacturer's instructions for your electric drive system contains information regarding the operating and storage temperatures of the battery and charger in particular, as well as the connection sockets on the display, including their capacities, etc.

## 2.1.3 FLYER chargers

Specification / description	Charger	
	FLYER Charger 4 A 36 V	FLYER Fast Charger 6 A 36 V
<b>Battery compatibility (including charging time)</b>	FLYER Smart Integrated Battery SIB-630 (5.7h), FLYER Seat Tube Battery STB-630 (5.7h)	FLYER Smart Integrated Battery SIB-750 (4.5h), FLYER Seat Tube Battery STB-630 (3.8h), FLYER Seat Tube Battery STB-750 (4.5h)
<b>Max. output power (in W)</b>	168	252
<b>Charger voltage (in V)</b>	36	36
<b>Max. charging current (in A)</b>	4	6

Table 4: Specifications for FLYER chargers in use with FLYER batteries

## 2.1.4 FIT batteries

Specification / description	Battery		
	FIB-630 36 V FIT	FIB-750 36 V FIT	Range extender RE-540 36 V FIT <sup>4</sup>
<b>Capacity (in Wh)</b>	630	750	540
<b>Min. energy content (in Ah)</b>	17.5	20.1	14.7
<b>Voltage (in V)</b>	36	36	36
<b>Weight (in kg)</b>	3.7	4.3	3.3
<b>Dimensions L×W×H (in mm)</b>	392×84×77	461×84×77	309×108×87
<b>Installed in model</b>	G1 Goroc X, G1 Uproc X, G1 Upstreet	G1 Uproc X, G1 Goroc X, G3 Uproc2, G2 Goroc2, G1 Upstreet	G1 Goroc X, G1 Upstreet

Table 5: Specifications for FIT batteries in use with Panasonic mid-drive motors

## 2.1.5 FIT chargers

Specification / description	Charger	
	FIT Charger 4 A 36 V <sup>5</sup>	FIT Fast Charger 6 A 36 V
<b>Battery compatibility (including charging time)</b>	FIB-630 36 V FIT (5.7h)	FIT RE-540 36 V (3.3h), FIB-630 36 V FIT (3.8h), FIB-750 36 V FIT (4.5h)
<b>Max. output power (in W)</b>	168	252
<b>Charger voltage (in V)</b>	36	36
<b>Max. charging current (in A)</b>	4	6

Table 6: Specifications for FIT chargers in use with FIT batteries (Panasonic mid-drive motor)

4 The additional batteries can be ordered from specialist dealers and online services.

5 FIT upgrade to 6 A possible (at a cost).

## 2.2 Bosch drive

### 2.2.1 Bosch mid-drive motor



**Information with suffix <sup>a</sup>:** The specified values correspond to the maximum torque in Nm. The maximum torque is set lower at the factory. Changes can be made in the eBike Flow app.



**Information with suffix <sup>a</sup>:** The specified performance values may be lower in the delivery state. You can increase the performance values and customize them using the eBike Flow app. Please note that higher performance values lead to increased wear and tear and can have a negative effect on the range.

Specification/ description	Motor							
	Smart System Performance Line BDU336Y	Smart System Performance Line BDU346Y	Smart System Performance Line PX BDU347Y	Smart System Performance Line CX BDU0374Y	Smart System Performance Line CX BDU384Y	Smart System Performance Line Speed BDU388Y	Smart System Performance Line CX Race BDU376Y	Smart System Performance Line SX BDU314Y
<b>Pedal assist up to</b> (in km/h)	25	25	25	25	25	45	25	25
<b>Rated continuous power</b> (in watts)	250	250	250	250	250	250	250	250
<b>Max. output</b> (in watts, 70 rpm)	600	600	700	600	750 <sup>a</sup>	750	600	600 <sup>a</sup>
<b>Max. torque</b> (in Nm)								
• Nexus hub gears	75	–	90	85	85	–	–	–
• Other hub and derailleur gears	75	75	90	85	100 90 (Enviolo)	100 <sup>d</sup>	85	60 <sup>d</sup>
<b>Assistance levels</b> (in %)								
• ECO+	60	60	60	60	60	60	60	60
• ECO	60	60	60	60	60	60	60	60
• LIMIT	–	–	–	–	–	Dynamic max. 400	–	–
• TOUR	140	140	140	140	140	140	140	140
• TOUR+	Dynamic progressive max. 340	Dynamic progressive max. 340	Dynamic progressive max. 400	Dynamic progressive max. 340	Dynamic progressive max. 400	Dynamic progressive max. 400	Dynamic progressive max. 340	Dynamic progressive max. 400
• AUTO	Dynamic max. 340	Dynamic max. 340	Dynamic max. 400	Dynamic max. 340	Dynamic max. 400	Dynamic max. 400	Dynamic max. 340	Dynamic max. 400
• SPORT	240	240	240	240	240	240	240	240
• eMTB	Dynamic progressive max. 340	Dynamic progressive max. 340	Dynamic progressive max. 400	Dynamic progressive max. 340	Dynamic progressive max. 400	–	Dynamic progressive max. 340	Dynamic progressive max. 400
• SPRINT	–	–	–	–	–	–	–	Dynamic progressive max. 280
• TURBO	340	340	400	340	400	400	340	400
• RACE	–	–	–	–	–	–	400	–
<b>Max. assistance</b> (in %)	340	340	400	340	400 <sup>a</sup>	400	400	340
<b>Weight</b> (in kg)	3,2	2,8	2,9	2,9	2,8	2,8	2,7	2,0
<b>Installed in model</b>	G1 Gotour G1 Gotour EL	G2 Gotour	G2 Goroc X, G1 Goroc, G2 Gotour, G1 Gotour X	G1 Gotour G2 Uproc X G1 Uproc EVO:X	G2 Gotour, G2 Uproc EVO:X, G3 Uproc X, G1 Goroc, G2 Goroc X	G2 Gotour	G1 Uproc EVO:X	G1 Uproc SL:X G1 Upstreet SL

Table 7: Specifications for drive systems with Bosch mid-drive motor 1/2

Specification / description	Motor		
	Active Line Plus BDU350	Performance Line BDU365	Performance Cargo Line CX BDU450
<b>Pedal assist up to</b> (in km/h)	25	25	25
<b>Rated continuous power</b> (in watts)	250	250	250
<b>Max. output</b> (in watts, 70 rpm)	365	440	600
<b>Max. torque</b> (in Nm)			
• Nexus hub gears	50	60	–
• Other hub and derailleur gears	–	65	85
<b>Assistance levels</b> (in %)			
• ECO	55	55	60
• TOUR	115	120	140
• SPORT	185	200	240
• TURBO	270	300	400
<b>Max. assistance</b> (in %)	270	300	400
<b>Weight</b> (in kg)	3,2	3,2	2,9
<b>Installed in model</b>	G1 Upstreet1, G1 Upstreet2, G1 Gotour6	G1 Upstreet1, G1 Upstreet2, G1 Gotour6	G3 Tandem

Table 8: Specifications for drive systems with Bosch mid-drive motor 2/2

## 2.2.2 Bosch batteries

Specification / description	Battery							
	Smart System Bosch PowerTube 800	Smart System Bosch PowerTube 750	Smart System Bosch PowerTube 625	Smart System Bosch PowerTube 600	Smart System Bosch CompactTube 400	Smart System Bosch PowerMore 250	BES2 Bosch PowerTube 625	BES2 Bosch PowerTube 500
<b>Capacity</b> (in Wh)	800	750	625	600	400	250	625	500
<b>Min. energy content</b> (in Ah)	22,2	20,1	16,7	16,7	11,1	6,7	16,7	13,4
<b>Voltage</b> (in V)	36	36	36	48	36	36	36	36
<b>Weight</b> (in kg)	3,9	4,3	3,6	3,0	2,0	1,6	3,5	2,9
<b>Dimensions L×W×H</b> (in mm)	424×77×71	484×84×65	415×84×65	424×71×67	352×75×57	200×88×75	416×84×65	349×84×65
<b>Installed in model</b>	G2 Goroc X, G1 Goroc, G1 Gotour X, G2 Gotour, G2 Uproc EVO:X, G3 Uproc X	G1 Uproc EVO:X G2 Uproc X G1 Gotour	G1 Gotour EL, G1 Uproc EVO:X, G2 Uproc X	G1 Goroc, G2 Gotour	G1 Uproc SL:X G1 Upstreet SL	G1 Uproc SL:X PowerMore Ready G1 Goroc, G2 Goroc X, G2 Uproc EVO:X, G2 Uproc X, G3 Uproc X, G1 Uproc SL:X, G1 Upstreet SL, G1 Gotour X, G2 Gotour	G1 Gotour6 G3 Tandem	G1 Gotour6 G1 Upstreet2 G1 Upstreet1

Table 9: Specifications for Bosch batteries in use with Bosch mid-drive motors

## 2.2.3 Bosch chargers

Specification/description	Charger	
	Bosch Standard Charger 4A BES2	Bosch Fast Charger 6A BES2
<b>Battery compatibility (including charging time)</b>	Bosch PowerTube 500 (4,5h), Bosch PowerTube 625 (4,9h)	Bosch PowerTube 625 (3,7h)
<b>Max. output power (in W)</b>	198	290
<b>Charger voltage (in V)</b>	36	36
<b>Max. charging current (in A)</b>	4	6

Table 10: Specifications for Bosch chargers in use with Bosch batteries 1/2

Specification/description	Charger	
	Bosch Standard Charger 2A Smart System	Bosch Standard Charger 4A Smart System
<b>Battery compatibility (including charging time)</b>	Bosch PowerMore 250 (3,7 h) Bosch PowerTube 600 (9,1 h) Bosch PowerTube 800 (12,4 h)	Bosch PowerMore 250 (2,9 h) Bosch CompactTube 400 (3,5 h) Bosch PowerTube 625 (5,4 h) Bosch PowerTube 750 (6 h) Bosch PowerTube 800 (6,9 h)
<b>Max. output power (in W)</b>	93	177
<b>Charger voltage (in V)</b>	36	36
<b>Max. charging current (in A)</b>	2	4

Table 11: Specifications for Bosch chargers in use with Bosch batteries 2/2

## 2.3 Pinion drive

### 2.3.1 Pinion mid-drive motor

Specification / description	Motor		
	E.1.12	E.1.12S	E1.9
<b>Pedal assist up to</b> (in km/h)	25	45	25
<b>Rated continuous power</b> (in watts)	250	250	250
<b>Max. output</b> (in watts, 70 rpm)	600	800	600
<b>Max. torque</b> (in Nm)	Ca. 85 <sup>6</sup>	Ca. 85 <sup>6</sup>	Ca. 85 <sup>6</sup>
<b>Assistance levels</b> (in %)			
• ECO	60	60	60
• FLOW	120	120	120
• FLEX	180	180	180
• FLY	400	400	400
<b>Max. assistance</b> (in %)	400	400	400
<b>Weight</b> (in kg)	4,1 (including Gearbox)	4,1 (including Gearbox)	4,0 (including Gearbox)
<b>Installed in model</b>	G1 Goroc TR:X G1 Upstreet TR:CF	G1 Goroc TR:X G1 Upstreet TR:CF	G1 Goroc TR

Table 12: Specifications for drive systems with Pinion mid-drive motor

### 2.3.2 FIT batteries

Specification / description	Battery		
	FIT TP-800 48V	FIT TP-700 48V	FIT RE-535 48V <sup>7</sup>
<b>Capacity</b> (in Wh)	800	700	535
<b>Min. energy content</b> (in Ah)	16,9	15	11,2
<b>Voltage</b> (in V)	48	48	48
<b>Weight</b> (in kg)	3,8	4,0	2,8
<b>Dimensions L×W×H</b> (in mm)	422,5 × 74,6 × 69,9	414×83,2×80,01	309×108×87
<b>Installed in model</b>	G1 Goroc TR	G1 Goroc TR:X G1 Upstreet TR:CF	G1 Goroc TR:X G1 Upstreet TR:CF

Table 13: Specifications for FIT batteries in use with Pinion mid-drive motors

### 2.3.3 FIT chargers

Specification / description	Charger
	48V 5A Pinion FIT
<b>Battery compatibility</b> (including charging time)	TP 800 48V FIT (4,4 h), TP 700 48V FIT (4,3 h), RE 535 48 V FIT (3,3 h)
<b>Max. output power</b> (in W)	260
<b>Charger voltage</b> (in V)	48
<b>Max. charging current</b> (in A)	5

Table 14: Specifications for FIT chargers in use with FIT batteries (Pinion mid-drive motor)

6 Comparable, virtual torque (Nm) converted to a 1:1 ratio of MGU input shaft to output shaft.

7 The additional batteries can be ordered from specialist dealers and online services

# 3 Torques

## 3.1 Handlebar and stem

E-bike model	Torque per component (in Nm)									
	Handlebar grips	Brake lever	Gear lever	Display holder	Remote display	Remote Seat post	Handlebar on stem	Stem on fork tube	Speedlifter on fork tube	Angle adjustment of stem
G1 Gotour 5.43	3	6-8	2-2,5	2,5-3	1,5	-	5	5	5-6	-
G1 Gotour 5.43R	3	6-8	2-2,5	2,5-3	1,5	-	5	5	5-6	-
G1 Gotour 7.10	3	6-8	2,5-3,5	1	1,5	-	5	5	-	6
G1 Gotour 7.10 ABS	3	4	2,5-3,5	1	1,5	-	5	5	-	6
G1 Gotour 7.10 SE	3	6-8	2,5-3,5	1	1,5	-	5	5	-	6
G1 Gotour 7.12 XC	3	6-8	2,5-3,5	1	1,5	-	5	5	-	6
G1 Gotour 7.12 XC ABS	3	4	2,5-3,5	1	1,5	-	5	5	-	6
G1 Gotour 7.23	3	6-8	3	1	1,5	-	5	5	-	6
G1 Gotour 7.23 Auto	3	6-8	-	1	1,5	-	5	5	-	6
G1 Gotour 5.12 CX	3	5-7	2,5-3,5	1	1,5	-	5	5	-	-
G1 Gotour 5.23 CX	3	5-7	3	1	1,5	-	5	5	-	-
G1 Gotour 5.43 Comfort CX	3	6-8	2-2,5	1	1,5	-	5-6	5-6	1, 9-10 2, 2-3	-
G1 Gotour 5.43 Comfort NL CX	3	6-8	2-2,5	1	1,5	-	5-6	5-6	1, 9-10 2, 2-3	-
G1 Gotour 5.43 CX	3	6-8	2-2,5	1	1,5	-	5	5	-	-
G1 Gotour X 7.12 XC	3	6-8	2,5-3,5	1	1,5	1,6	5	5	-	6
G1 Gotour X 7.23	3	6-8	-	1	1,5	1,6	5	5	-	6
G2 Gotour 5.10	3	6-8	2,5-3,5	2,5-3	0,6	-	5-6	9-10	-	-
G2 Gotour 7.10	3	6-8	2,5-3,5	1	0,6	-	5	5	-	6
G2 Gotour 7.12 XC	3	6-8	2,5-3,5	1	0,6	-	5	5	-	6
G2 Gotour 7.23	3	6-8	2,5-3,5	1	0,6	-	5	5	-	6
G2 Gotour 7.43	3	6-8	2,5-3,5	1	0,6	-	5	5	-	-
G2 Gotour 7.43 RN	3	6-8	2,5-3,5	1	0,6	-	5	5	-	-
G2 Gotour 7.43 R	3	6-8	2,5-3,5	1	0,6	-	5	5	-	-
G2 Gotour 3.10	3	6-8	2,5-3,5	2,5-3	1,5	-	5-6	9-10	-	-
G2 Gotour 3.43 NL	3	6-8	2-2,5	2,5-3	1,5	-	5-6	9-10	-	14-15
G2 Gotour 3.43 R	3	5-7	2-2,5	2,5-3	1,5	-	5-6	9-10	-	-
G2 Gotour 5.10 HD	3	6-8	2,5-3,5	1	0,6	-	5	5	-	6
G2 Gotour 5.23	3	6-8	-	1	0,6	-	5-6	-	5-6	12-14
G2 Gotour 5.43 HD	3	6-8	2-2,5	1	0,6	-	5	5	-	6
G2 Gotour 5.43 R	3	6-8	2-2,5	1	0,6	-	5-6	-	5-6	12-14
G2 Gotour 7.12 XC V2	3	6-8	2,5-3,5	1	0,6	-	5	5	-	6
G2 Gotour 7.23 HD	3	6-8	-	1	0,6	-	5	5	-	6
G2 Gotour 7.23 HS CH	3	6-8	-	1	0,6	-	5	5	-	6
G1 Gotour EL 3.12 XC	3	6-8	2,5-3,5	2,5-3	0,6	-	5-6	9-10	-	14-15
G1 Gotour EL 3.20	3	6-8	2,5-3,5	2,5-3	0,6	-	5-6	9-10	-	14-15
G1 Gotour EL 3.40	3	6-8	2-2,5	2,5-3	0,6	-	5-6	9-10	-	14-15
G1 Gotour3 7.43	3	4	2-2,5	1	1	-	5-6	9-10	-	11
G1 Gotour6 3.10	3	6-8	5	1	1	-	5-6	9-10	-	-
G1 Gotour6 3.40	3	6-8	2-2,5	1	1	-	5-6	9-10	-	-
G1 Gotour6 3.41R	3	6-8	2-2,5	1	1	-	5-6	9-10	-	-
G1 Gotour6 5.20	3	6-8	2-2,5	1	1	-	6	11	5-6	11
G1 Gotour6 5.40	3	6-8	2-2,5	1	1	-	6	11	5-6	11
G1 Gotour6 5.41R	3	6-8	2-2,5	1	1	-	6	11	5-6	11
G3 Tandem 7.70	3	6-8	3	1	1	-	6	11	-	11
G3 Tandem 7.83	3	6-8	1	1	1	-	6	11	5-6	11

Table 15: Torques for the handlebar and related components

## 3.2 Saddle and chainstay

E-bike model	Torque per component (in Nm)				
	Saddle frame	Seat post clamp	Upper damper	Lower damper	Rocker on seat tube
G1 Gotour 5.43	12	–	–	–	–
G1 Gotour 5.43R	12	–	–	–	–
G1 Gotour 7.10	9–10	–	–	–	–
G1 Gotour 7.10 ABS	9–10	–	–	–	–
G1 Gotour 7.10 SE	9–10	–	–	–	–
G1 Gotour 7.12 XC	9–10	–	–	–	–
G1 Gotour 7.12 XC ABS	9–10	–	–	–	–
G1 Gotour 7.23	9–10	–	–	–	–
G1 Gotour 7.23 Auto	9–10	–	–	–	–
G1 Gotour 5.12 CX	12	–	–	–	–
G1 Gotour 5.23 CX	12	–	–	–	–
G1 Gotour 5.43 Comfort CX	12	–	–	–	–
G1 Gotour 5.43 Comfort NL CX	12	–	–	–	–
G1 Gotour 5.43 CX	12	–	–	–	–
G1 Gotour X 7.12 XC	8–10	–	10	10	10
G1 Gotour X 7.23	8–10	–	10	10	10
G2 Gotour 5.10	12	–	–	–	–
G2 Gotour 7.10	9–10	–	–	–	–
G2 Gotour 7.12 XC	9–10	–	–	–	–
G2 Gotour 7.23	9–10	–	–	–	–
G2 Gotour 7.43	9–10	–	–	–	–
G2 Gotour 7.43 RN	9–10	–	–	–	–
G2 Gotour 7.43 R	9–10	–	–	–	–
G2 Gotour 3.10	9–10	–	–	–	–
G2 Gotour 3.43 NL	9–10	–	–	–	–
G2 Gotour 3.43 R	9–10	–	–	–	–
G2 Gotour 5.10 HD	12–14	–	–	–	–
G2 Gotour 5.23	8	–	–	–	–
G2 Gotour 5.43 HD	12–14	–	–	–	–
G2 Gotour 5.43 R	8	–	–	–	–
G2 Gotour 7.12 XC V2	12–14	–	–	–	–
G2 Gotour 7.23 HD	12–14	–	–	–	–
G2 Gotour 7.23 HS CH	12–14	–	–	–	–
G1 Gotour EL 3.12 XC	9	–	–	–	–
G1 Gotour EL 3.20	9	–	–	–	–
G1 Gotour EL 3.40	9–10	–	–	–	–
G1 Gotour3 7.43	12–14	6–8	–	–	–
G1 Gotour6 3.10	17–19	6–8	–	–	–
G1 Gotour6 3.40	17–19	6–8	–	–	–
G1 Gotour6 3.41R	17–19	6–8	–	–	–
G1 Gotour6 5.20	17–19	6–8	–	–	–
G1 Gotour6 5.40	17–19	6–8	–	–	–
G1 Gotour6 5.41R	17–19	6–8	–	–	–
G3 Tandem 7.70	8–13	6–8	–	–	–
G3 Tandem 7.83	8–13	6–8	–	–	–

Table 16: Torques for the saddle and chainstay

### 3.3 Drive components

E-bike model	Torque per component (in Nm)										
	Motor bolts	Belt tensioner	Motor plate	Chaining bolts / front sprocket	Crank	Pedals	Battery rail	Battery mount	Battery lock	Derailleur / chain tensioner	Belt damper (Snubber)
G1 Gotour 5.43	28-30	-	-	25-30	45-55	34	4-6	-	4-6	-	-
G1 Gotour 5.43R	28-30	-	-	25-30	45-55	34	4-6	-	4-6	-	-
G1 Gotour 7.10	20-22	-	10	25-30	45-55	34	4-6	-	4-6	8-10	-
G1 Gotour 7.10 ABS	20-22	-	10	25-30	45-55	34	4-6	-	4-6	8-10	-
G1 Gotour 7.10 SE	20-22	-	10	25-30	45-55	34	4-6	-	4-6	8-10	-
G1 Gotour 7.12 XC	20-22	-	10	25-30	45-55	34	4-6	-	4-6	8-10	-
G1 Gotour 7.12 XC ABS	20-22	-	10	25-30	45-55	34	4-6	-	4-6	8-10	-
G1 Gotour 7.23	20-22	-	10	25-30	45-55	34	4-6	-	4-6	-	-
G1 Gotour 7.23 Auto	20-22	-	10	25-30	45-55	34	4-6	-	4-6	-	-
G1 Gotour 5.12 CX	20-22	-	10	25-30	45-55	34	4-6	-	4-6	8-10	-
G1 Gotour 5.23 CX	20-22	-	10	25-30	45-55	34	4-6	-	4-6	-	-
G1 Gotour 5.43 Comfort CX	20-22	-	10	25-30	45-55	34	4-6	-	4-6	-	-
G1 Gotour 5.43 Comfort NL CX	20-22	-	10	25-30	45-55	34	4-6	-	4-6	-	-
G1 Gotour 5.43 CX	20-22	-	10	25-30	45-55	34	4-6	-	4-6	-	-
G1 Gotour X 7.12 XC	TBD	-	TBD	25-30	45-55	34	-	TBD	3	8-10	-
G1 Gotour X 7.23	TBD	TBD	TBD	25-30	45-55	34	-	TBD	3	-	8-10
G2 Gotour 5.10	30	-	20	25-30	45-55	34	-	4	3	8-10	-
G2 Gotour 7.10	30	-	20	25-30	45-55	34	-	4	3	8-10	-
G2 Gotour 7.12 XC	30	-	20	25-30	45-55	34	-	4	3	8-10	-
G2 Gotour 7.23	30	-	20	25-30	45-55	34	-	4	3	-	-
G2 Gotour 7.43	30	-	20	25-30	45-55	34	-	4	3	-	-
G2 Gotour 7.43 RN	30	-	20	25-30	45-55	34	-	4	3	-	-
G2 Gotour 7.43 R	TBD	-	20	25-30	45-55	34	-	4	3	-	-
G2 Gotour 3.10	30	-	20	25-30	45-55	34	-	4	3	8-10	-
G2 Gotour 3.43 NL	30	-	20	25-30	45-55	34	-	4	3	-	-
G2 Gotour 3.43 R	30	-	20	25-30	45-55	34	-	4	3	-	-
G2 Gotour 5.10 HD	30	-	20	25-30	45-55	34	-	4	3	8-10	-
G2 Gotour 5.23	30	-	20	25-30	45-55	34	-	4	3	-	-
G2 Gotour 5.43 HD	30	-	20	25-30	45-55	34	-	4	3	-	-
G2 Gotour 5.43 R	30	-	20	25-30	45-55	34	-	4	3	-	-
G2 Gotour 7.12 XC V2	30	-	20	25-30	45-55	34	-	4	3	8-10	-
G2 Gotour 7.23 HD	30	-	20	25-30	45-55	34	-	4	3	-	-
G2 Gotour 7.23 HS CH	30	-	20	25-30	45-55	34	-	4	3	-	-
G1 Gotour3 7.43	20-24	-	-	13	50	34	-	-	8-10	-	-
G1 Gotour6 3.10	28-30	-	9-11	25-30	45-55	34	4-6	-	4-6	8-10	-
G1 Gotour6 3.40	28-30	-	9-11	25-30	45-55	34	4-6	-	4-6	-	-
G1 Gotour6 3.41R	28-30	-	9-11	25-30	45-55	34	4-6	-	4-6	-	-
G1 Gotour6 5.20	28-30	-	9-11	30	45-55	34	4-6	-	4-6	8-10	-
G1 Gotour6 5.40	28-30	-	9-11	30	45-55	34	4-6	-	4-6	8-10	-
G1 Gotour6 5.41R	28-30	-	9-11	30	45-55	34	4-6	-	4-6	8-10	-
G3 Tandem 7.70	28-30	-	9-11	30	45-55	34	4-6	-	4-6	8-10	-
G3 Tandem 7.83	28-30	-	9-11	30	45-55	34	4-6	-	4-6	-	-
G1 Gotour EL 3.12 XC	28-30	-	13-15	25-30	45-55	34	-	4	3	8-10	-
G1 Gotour EL 3.20	28-30	-	13-15	25-30	45-55	34	-	4	3	8-10	-
G1 Gotour EL 3.40	28-30	-	13-15	25-30	45-55	34	-	4	3	8-10	-

Table 17: Torques for drive components

## 3.4 Wheel sets and brakes

E-bike model	Torque per component (in Nm)					
	Wheel nuts/quick-release axle of rear wheel	Quick-release axle of front wheel	Brake caliper of disc brake	Cassette/ Rear sprocket	Speed sensor	Magnet
G1 Gotour 5.43	30-45	8-10	6-8	-	-	-
G1 Gotour 5.43R	30-45	8-10	6-8	-	-	-
G1 Gotour 7.10	-	8-10	6-8	30-50	-	-
G1 Gotour 7.10 ABS	-	8-10	6	30-50	-	-
G1 Gotour 7.10 SE	-	8-10	6-8	30-50	-	-
G1 Gotour 7.12 XC	-	8-10	6-8	30-50	-	-
G1 Gotour 7.12 XC ABS	-	8-10	6	30-50	-	-
G1 Gotour 7.23	30-40	8-10	6-8	-	-	-
G1 Gotour 7.23 Auto	30-40	8-10	6-8	-	-	-
G1 Gotour 5.12 CX	-	8-10	5-7	30-50	-	-
G1 Gotour 5.23 CX	30-40	8-10	5-7	-	-	-
G1 Gotour 5.43 Comfort CX	30-45	8-10	6-8	-	-	-
G1 Gotour 5.43 Comfort NL CX	30-45	8-10	6-8	-	-	-
G1 Gotour 5.43 CX	30-45	8-10	6-8	-	-	-
G1 Gotour X 7.12 XC		8-10				
G1 Gotour X 7.23		8-10				
G2 Gotour 5.10	-	8-10	6-8	30-50	3	-
G2 Gotour 7.10	-	8-10	6-8	30-50	3	-
G2 Gotour 7.12 XC	-	8-10	6-8	30-50	3	-
G2 Gotour 7.23	30-40	8-10	6-8	-	3	-
G2 Gotour 7.43	30-45	8-10	6-8	-	3	-
G2 Gotour 7.43 RN	30-45	8-10	6-8	-	3	-
G2 Gotour 7.43 R	30-45	8-10	6-8	-	3	-
G2 Gotour 3.10	-	8-10	6-8	30-50	-	-
G2 Gotour 3.43 NL	30-45	8-10	6-8	-	-	-
G2 Gotour 3.43 R	30-45	8-10	6-8	-	-	-
G2 Gotour 5.10 HD	-	8-10	6-8	30-50	3 (XS)	-
G2 Gotour 5.23	30-40	8-10	6-8	-	3 (XS)	4 (XS)
G2 Gotour 5.43 HD	30-45	8-10	6-8	-	3 (XS)	-
G2 Gotour 5.43 R	30-45	8-10	6-8	-	3 (XS)	-
G2 Gotour 7.12 XC V2	-	8-10	6-8	30-50	3 (XS)	-
G2 Gotour 7.23 HD	30-40	8-10	6-8	-	3 (XS)	4 (XS)
G2 Gotour 7.23 HS CH	30-40	8-10	6-8	-	3 (XS)	4 (XS)
G1 Gotour3 7.43						
G1 Gotour6 3.10						
G1 Gotour6 3.40	30-45	21-26	6-8	-	3	1
G1 Gotour6 3.41R	30-45	21-26	6-8	-	3	1
G1 Gotour6 5.20	30-45	21-26	6-8	30-50	3	1
G1 Gotour6 5.40	30-45	21-26	6-8	30-50	3	1
G1 Gotour6 5.41R	-	21-26	6-8	30-50	3	1
G1 Gotour EL 3.12 XC	-	-	6-8	30-50	-	-
G1 Gotour EL 3.20	30-40	-	6-8	-	-	-
G1 Gotour EL 3.40	30-45	-	6-8	-	-	-
G3 Tandem 7.70	-	10	6-8	30-50	3	1
G3 Tandem 7.83	-	10	6-8	-	3	1

Table 18: Torques for the wheel set and its associated components



# TECHNICAL DATA

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# 1 Eigen gewicht, goedkeuringen en maximumgewichten



**Belangrijk:** Het werkelijke eigen gewicht van uw e-bike is afhankelijk van frametype, -maat en uitrusting. De hier vermelde gewichten werden bepaald zonder accu. Het uitrustingspecifieke eigen gewicht voor pedelecs is aangegeven op het typeplaatje dat op de pedelecs is aangebracht.



**Belangrijk:** Het toegestane totaalgewicht omvat het eigen gewicht van de e-bike (met accu) en het gewicht van berijder, bagage en aanhanger (met belading). De gespecificeerde totale gewichten mogen in geen geval worden overschreden, dit kan leiden tot falen van de onderdelen.

Modelserie	Eigen gewicht	Max. toegestaan totaalgewicht <sup>1</sup>	Max. aanhangerbelasting <sup>2</sup>	Kinderzitje op bagagedrager <sup>2</sup>	Max. belasting bagagedrager <sup>2</sup>
G1 Gotour X	TBD	150 kg	niet toegestaan	niet toegestaan	25 kg
G1 Gotour EL	30 kg	150 kg	40 kg	niet toegestaan	25 kg
G1 Gotour	32kg	150 kg	40 kg	ja <sup>2</sup>	27 kg
G2 Gotour	34kg	150 kg	40 kg	ja <sup>2</sup>	27 kg
G1 Gotour6	30kg	150 kg	40 kg	niet toegestaan	25 kg
G1 Gotour3	33kg	180 kg	60 kg	ja <sup>2</sup>	27 kg
G3 Tandem	41 kg	250 kg	60 kg	niet toegestaan	25 kg

Tabel 1: Eigen gewicht, goedkeuringen en maximumgewichten van de verschillende modelseries e-bikes

NL

- 1 Maximaal toegestaan totaalgewicht: Eigen gewicht e-bike (incl. accu) + berijder + bagage + aanhanger (incl. lading).
- 2 High-speed modellen (HS) zijn niet goedgekeurd voor gebruik met aanhanger. Bij gebruik van een aanhanger neemt de maximale belastbaarheid van de bagagedrager en van het maximale systeemgewicht af met de maximale steunlast van de achterdriehoek van 8 kg.

## 2 Elektrisch aandrijfsysteem



**Belangrijk:** U vindt aanvullende technische gegevens van de onderdelen van uw elektrische aandrijving in de instructies van de fabrikant van uw elektrische aandrijfsysteem.<sup>3</sup>

### 2.1 Panasonic aandrijving

#### 2.1.1 Panasonic middenmotor

Specificatie / beschrijving	Motor						
	GX Force Pro FIT	GX Force Pro Coaster FIT	GX Power Plus	GX Power Plus Coaster	GX Ultimate	GX Ultimate Eco FIT	GX Ultimate Pro FIT
<b>Trapondersteuning tot</b> (in km/h)	25	25	25	25	25 / 45	25	25 / 45
<b>Nominaal continuvermogen</b> (in watt)	250	250	250	250	250	250	250
<b>Max. vermogen</b> (in watt 70 tpm)	450	450	450	450	600	600	600
<b>Max. koppel</b> (in Nm)							
• Naafversnelling Nexus	75	75	75	75	75	75	75
• Andere naafversnellingen en derailleurs	75	75	75	75	90	–	95
<b>Ondersteuningsniveau</b> (in %)							
• ECO	70	70	70	70	70	70	70
• Standaard	150	150	150	150	150	150	150
• HIGH	300	300	300	300	300	300	300
• AUTO	70–300	70–300	70–300	70–300	70–300	70–300	70–300
<b>Max. trapondersteuning</b> (in %)	300	300	300	300	300	300	300
<b>Gewicht</b> (in kg)	3,2	3,2	3,2	3,2	2,9	2,9	2,9
<b>Gemonteerd in model</b>	G1 Upstreet	G1 Upstreet	G2 Upstreet5, G1 Gotour3	G2 Upstreet5	G1 Upstreet3, G2 Upstreet5	G1 Upstreet	G3 Uproc2, G1 Uproc X, G2 Goroc2, G1 Goroc X, G1 Upstreet

Tabel 2: Informatie over aandrijfsystemen met Panasonic middenmotor

#### 2.1.2 FLYER accu's

Specificatie / beschrijving	Accu		
	FLYER Seat Tube Battery STB-630	FLYER Smart Integrated Battery SIB-630	FLYER Smart Integrated Battery SIB-750
<b>Capaciteit</b> (in Wh)	630	630	750
<b>Energie-inhoud min.</b> (in Ah)	16,75	16,75	20,10
<b>Spanning</b> (in V)	36	36	36
<b>Gewicht</b> (in kg)	3,8	3,7	4,3
<b>Afmetingen l×b×h</b> (in mm)	286×146×111	425×101×105	425×107×115
<b>Gemonteerd in model</b>	G1 Gotour3	G2 Upstreet5	G1 Upstreet3

Tabel 3: Informatie over FLYER accu's gebruikt met Panasonic middenmotoren

<sup>3</sup> In de instructies van de fabrikant van uw elektrische aandrijfsysteem vindt u in het bijzonder informatie over gebruiks- en opslagtemperaturen van de accu en oplader, over aansluitingen op het display incl. hun capaciteiten enz.

## 2.1.3 FLYER opladers

Specificatie / beschrijving	Oplader	
	FLYER Charger 4 A 36 V	FLYER Fast Charger 6 A 36 V
Accucompatibiliteit (incl. oplaadtijd)	FLYER Smart Integrated Battery SIB-630 (5,7 h), FLYER Seat Tube Battery STB-630 (5,7 h)	FLYER Smart Integrated Battery SIB-750 (4,5 h), FLYER Seat Tube Battery STB-630 (3,8 h), FLYER Seat Tube Battery STB-750 (4,5 h)
Max. uitgangsvermogen (in W)	168	252
Spanning oplader (in V)	36	36
Max. laadstroom (in A)	4	6

Tabel 4: Informatie over FLYER opladers gebruikt met FLYER accu's

## 2.1.4 FIT accu's

Specificatie / beschrijving	Accu		
	FIB-630 36 V FIT	FIB-750 36 V FIT	Range extender RE-540 36 V FIT <sup>4</sup>
Capaciteit (in Wh)	630	750	540
Energie-inhoud min. (in Ah)	17,5	20,1	14,7
Spanning (in V)	36	36	36
Gewicht (in kg)	3,7	4,3	3,3
Afmetingen l×b×h (in mm)	392×84×77	461×84×77	309×108×87
Gemonteerd in model	G1 Goroc X, G1 Uproc X, G1 Upstreet	G1 Uproc X, G1 Goroc X, G3 Uproc2, G2 Goroc2, G1 Upstreet	G1 Goroc X, G1 Upstreet

Tabel 5: Informatie over FIT accu's gebruikt met Panasonic middenmotoren

## 2.1.5 FIT opladers

Specificatie / beschrijving	Oplader	
	FIT Charger 4 A 36 V <sup>5</sup>	FIT Fast Charger 6 A 36 V
Accucompatibiliteit (incl. oplaadtijd)	FIB-630 36 V FIT (5,7 h)	FIT RE-540 36 V (3,3 h), FIB-630 36 V FIT (3,8 h), FIB-750 36 V FIT (4,5 h)
Max. uitgangsvermogen (in W)	168	252
Spanning oplader (in V)	36	36
Max. laadstroom (in A)	4	6

Tabel 6: Informatie over FIT opladers gebruikt met FIT accu's (Panasonic middenmotor)

4 De extra accu's kunnen worden besteld via gespecialiseerde dealers en onlinediensten.

5 FIT-upgrade naar 6 A mogelijk (tegen betaling).

## 2.2 Bosch aandrijving

### 2.2.1 Bosch middenmotor



**Gegevens met toevoeging <sup>d</sup>** : De opgegeven waarden komen overeen met het maximale koppel in Nm. Af fabriek is het maximale koppel lager ingesteld. Wijzigingen kunnen worden aangebracht in de eBike Flow-app.



**Gegevens met toevoeging <sup>e</sup>** : De opgegeven prestatiewaarden kunnen bij levering lager zijn. U kunt de prestatiewaarden verhogen en individueel aanpassen met behulp van de eBike Flow-app. Houd er rekening mee dat hogere prestatiewaarden leiden tot meer slijtage en een negatief effect kunnen hebben op het bereik.

Specificatie/ beschrijving	Motor							
	Smart System Performance Line BDU336Y	Smart System Performance Line BDU346Y	Smart System Performance Line PX BDU347Y	Smart System Performance Line CX BDU0374Y	Smart System Performance Line CX BDU384Y	Smart System Performance Line Speed BDU388Y	Smart System Performance Line CX Race BDU376Y	Smart System Performance Line SX BDU314Y
<b>Trapondersteuning tot</b> (in km/h)	25	25	25	25	25	45	25	25
<b>Nominaal continuvermogen</b> (in watt)	250	250	250	250	250	250	250	250
<b>Max. vermogen</b> (in watt 70 tpm)	600	600	700	600	750 <sup>e</sup>	750	600	600 <sup>e</sup>
<b>Max. koppel</b> (in Nm)								
• Naafversnelling Nexus	75	–	90	85	85	–	–	–
• Andere naafversnellingen en derailleurs	75	75	90	85	100 90 (Enviolo)	100 <sup>d</sup>	85	60 <sup>d</sup>
<b>Ondersteuningsniveau</b> (in %)								
• ECO+	60	60	60	60	60	60	60	60
• ECO	60	60	60	60	60	60	60	60
• LIMIT	–	–	–	–	–	Dynamiek max. 400	–	–
• TOUR	140	140	140	140	140	140	140	140
• TOUR+	Dynamiek progressief max. 340	Dynamiek progressief max. 340	Dynamiek progressief max. 400	Dynamiek progressief max. 340	Dynamiek progressief max. 400	Dynamiek progressief max. 400	Dynamiek progressief max. 340	Dynamiek progressief max. 400
• AUTO	Dynamiek max. 340	Dynamiek max. 340	Dynamiek max. 400	Dynamiek max. 340	Dynamiek max. 400	Dynamiek max. 400	Dynamiek max. 340	Dynamiek max. 400
• SPORT	240	240	240	240	240	240	240	240
• eMTB	Dynamiek progressief max. 340	Dynamiek progressief max. 340	Dynamiek progressief max. 400	Dynamiek progressief max. 340	Dynamiek progressief max. 400	–	Dynamiek progressief max. 340	Dynamiek progressief max. 400
• SPRINT	–	–	–	–	–	–	–	Dynamiek progressief max. 280
• TURBO	340	340	400	340	400	400	340	400
• RACE	–	–	–	–	–	–	400	–
<b>Max. trapondersteuning</b> (in %)	340	340	400	340	400 <sup>e</sup>	400	400	340
<b>Gewicht</b> (in kg)	3,2	2,8	2,9	2,9	2,8	2,8	2,7	2,0
<b>Gemonteerd in model</b>	G1 Gotour G1 Gotour EL	G2 Gotour	G2 Goroc X, G1 Goroc, G2 Gotour, G1 Gotour X	G1 Gotour G2 Uproc X G1 Uproc EVO-X	G2 Gotour, G2 Uproc EVO-X, G3 Uproc X, G1 Goroc, G2 Gotour X	G2 Gotour	G1 Uproc EVO:X	G1 Uproc SL-X G1 Upstreet SL

Tabel 7: Specificaties voor aandrijfsystemen met Bosch middenmotor 1/2

Specificatie / beschrijving	Motor		
	Active Line Plus BDU350	Performance Line BDU365	Performance Cargo Line CX BDU450
<b>Trapondersteuning tot</b> (in km/h)	25	25	25
<b>Nominaal continuvermogen</b> (in watt)	250	250	250
<b>Max. vermogen</b> (in watt 70 tpm)	365	440	600
<b>Max. koppel</b> (in Nm)			
• Naafversnelling Nexus	50	60	–
• Andere naafversnellingen en derailleurs	–	65	85
<b>Ondersteuningsniveau</b> (in %)			
• ECO	55	55	60
• TOUR	115	120	140
• SPORT	185	200	240
• TURBO	270	300	400
<b>Max. trapondersteuning</b> (in %)	270	300	400
<b>Gewicht</b> (in kg)	3,2	3,2	2,9
<b>Gemonteerd in model</b>	G1 Upstreet1, G1 Upstreet2, G1 Gotour6	G1 Upstreet1, G1 Upstreet2, G1 Gotour6	G3 Tandem

Tabel 8: Specificaties voor aandrijfsystemen met Bosch middenmotor 2/2

## 2.2.2 Bosch accu's

Specificatie / beschrijving	Akku							
	Smart System Bosch PowerTube 800	Smart System Bosch PowerTube 750	Smart System Bosch PowerTube 625	Smart System Bosch PowerTube 600	Smart System Bosch CompactTube 400	Smart System Bosch PowerMore 250	BES2 Bosch PowerTube 625	BES2 Bosch PowerTube 500
<b>Capaciteit</b> (in Wh)	800	750	625	600	400	250	625	500
<b>Energie-inhoud min.</b> (in Ah)	22,2	20,1	16,7	16,7	11,1	6,7	16,7	13,4
<b>Spanning</b> (in V)	36	36	36	48	36	36	36	36
<b>Gewicht</b> (in kg)	3,9	4,3	3,6	3,0	2,0	1,6	3,5	2,9
<b>Afmetingen l×b×h</b> (in mm)	424×77×71	484×84×65	415×84×65	424×71×67	352×75×57	200×88×75	416×84×65	349×84×65
<b>Gemonteerd in model</b>	G2 Goroc X, G1 Goroc, G1 Gotour X, G2 Gotour, G2 Uproc EVO:X, G3 Uproc X	G1 Uproc EVO:X G2 Uproc X G1 Gotour	G1 Gotour EL, G1 Uproc EVO:X, G2 Uproc X	G1 Goroc, G2 Gotour	G1 Uproc SL:X G1 Upstreet SL	G1 Uproc SL:X PowerMore Ready G1 Goroc, G2 Goroc X, G2 Uproc EVO:X, G2 Uproc X, G3 Uproc X, G1 Uproc SL:X, G1 Upstreet SL, G1 Gotour X, G2 Gotour	G1 Gotour6 G3 Tandem	G1 Gotour6 G1 Upstreet2 G1 Upstreet1

Tabel 9: Informatie over Bosch accu's gebruikt met Bosch middenmotoren

## 2.2.3 Bosch opladers

Specificatie / beschrijving	Oplader	
	Bosch Standard Charger 4A BES2	Bosch Fast Charger 6A BES2
<b>Accucompatibiliteit (incl. oplaadtijd)</b>	Bosch PowerTube 500 (4,5h), Bosch PowerTube 625 (4,9h)	Bosch PowerTube 625 (3,7h)
<b>Max. uitgangsvermogen (in W)</b>	198	290
<b>Spanning oplader (in V)</b>	36	36
<b>Max. laadstroom (in A)</b>	4	6

Tabel 10: Informatie over Bosch opladers gebruikt met Bosch accu's 1/2

Specificatie / beschrijving	Oplader	
	Bosch Standard Charger 2A Smart System	Bosch Standard Charger 4A Smart System
<b>Accucompatibiliteit (incl. oplaadtijd)</b>	Bosch PowerMore 250 (3,7 h) Bosch PowerTube 600 (9,1 h) Bosch PowerTube 800 (12,4 h)	Bosch PowerMore 250 (2,9 h) Bosch CompactTube 400 (3,5 h) Bosch PowerTube 625 (5,4 h) Bosch PowerTube 750 (6 h) Bosch PowerTube 800 (6,9 h)
<b>Max. uitgangsvermogen (in W)</b>	93	177
<b>Spanning oplader (in V)</b>	36	36
<b>Max. laadstroom (in A)</b>	2	4

Tabel 11: Informatie over Bosch opladers gebruikt met Bosch accu's 2/2

## 2.3 Pinion aandrijving

### 2.3.1 Pinion middenmotor

Specification / description	Motor		
	E.1.12	E.1.12S	E1.9
Trapondersteuning tot (in km/h)	25	45	25
Nominaal continuvermogen (in watt)	250	250	250
Max. vermogen (in watt 70 tpm)	600	800	600
Max. koppel (in Nm)	Ca. 85 <sup>6</sup>	Ca. 85 <sup>7</sup>	Ca. 85 <sup>7</sup>
Ondersteuningsniveau (in %)			
• ECO	60	60	60
• FLOW	120	120	120
• FLEX	180	180	180
• FLY	400	400	400
Max. trapondersteuning (in %)	400	400	400
Gewicht (in kg)	4,1 (inclusief Gearbox)	4,1 (inclusief Gearbox)	4,0 (inclusief Gearbox)
Gemonteerd in model	G1 Goroc TR:X G1 Upstreet TR:CF	G1 Goroc TR:X G1 Upstreet TR:CF	G1 Goroc TR

Tabel 12: Informatie over aandrijfsystemen met Pinion middenmotor

### 2.3.2 FIT accu's

Specificatie / beschrijving	Accu		
	FIT TP-800 48V	FIT TP-700 48V	FIT RE-535 48V <sup>7</sup>
Capaciteit (in Wh)	800	700	535
Energie-inhoud min. (in Ah)	16,9	15	11,2
Spanning (in V)	48	48	48
Gewicht (in kg)	3,8	4,0	2,8
Afmetingen l×b×h (in mm)	422,5 × 74,6 × 69,9	414×83,2×80,01	309×108×87
Gemonteerd in model	G1 Goroc TR	G1 Goroc TR:X G1 Upstreet TR:CF	G1 Goroc TR:X G1 Upstreet TR:CF

Tabel 13: Informatie over FIT accu's gebruikt met Pinion middenmotoren

### 2.3.3 FIT opladers

Specificatie / beschrijving	Oplader
	48V 5APinion FIT
Accucompatibiliteit (incl. oplaadtijd)	TP 800 48V FIT (4,4 h), TP 700 48V FIT (4,3 h), RE 535 48 V FIT (3,3 h)
Max. uitgangsvermogen (in W)	260
Spanning oplader (in V)	48
Max. laadstroom (in A)	5

Tabel 14: Informatie over FIT opladers gebruikt met FIT accu's (Pinion middenmotor)

6 Vergelijkbaar, virtueel koppel (Nm) omgerekend naar een verhouding van 1:1 tussen de ingaande as van de MGU en de uitgaande as.

7 De extra accu's kunnen via de vakhandel en online worden besteld.

# 3 Aanhaalmomenten

## 3.1 Stuur en stuurpen

E-bikemodel	Aanhaalmoment per onderdeel (in Nm)									
	Handvatten	Remhendel	Schakelhendel	Displayhouder	Remote Display	Remote zadelpen	Stuur op stuurpen	Stuurpen op stuurpen	Speedlifter op balhoofdbuis	Hoekverstelling stuurpen
G1 Gotour 5.43	3	6-8	2-2,5	2,5-3	1,5	-	5	5	5-6	-
G1 Gotour 5.43R	3	6-8	2-2,5	2,5-3	1,5	-	5	5	5-6	-
G1 Gotour 7.10	3	6-8	2,5-3,5	1	1,5	-	5	5	-	6
G1 Gotour 7.10 ABS	3	4	2,5-3,5	1	1,5	-	5	5	-	6
G1 Gotour 7.10 SE	3	6-8	2,5-3,5	1	1,5	-	5	5	-	6
G1 Gotour 7.12 XC	3	6-8	2,5-3,5	1	1,5	-	5	5	-	6
G1 Gotour 7.12 XC ABS	3	4	2,5-3,5	1	1,5	-	5	5	-	6
G1 Gotour 7.23	3	6-8	3	1	1,5	-	5	5	-	6
G1 Gotour 7.23 Auto	3	6-8	-	1	1,5	-	5	5	-	6
G1 Gotour 5.12 CX	3	5-7	2,5-3,5	1	1,5	-	5	5	-	-
G1 Gotour 5.23 CX	3	5-7	3	1	1,5	-	5	5	-	-
G1 Gotour 5.43 Comfort CX	3	6-8	2-2,5	1	1,5	-	5-6	5-6	1. 9-10 2. 2-3	-
G1 Gotour 5.43 Comfort NL CX	3	6-8	2-2,5	1	1,5	-	5-6	5-6	1. 9-10 2. 2-3	-
G1 Gotour 5.43 CX	3	6-8	2-2,5	1	1,5	-	5	5	-	-
G1 Gotour X 7.12 XC	3	6-8	2,5-3,5	1	1,5	1,6	5	5	-	6
G1 Gotour X 7.23	3	6-8	-	1	1,5	1,6	5	5	-	6
G2 Gotour 5.10	3	6-8	2,5-3,5	2,5-3	0,6	-	5-6	9-10	-	-
G2 Gotour 7.10	3	6-8	2,5-3,5	1	0,6	-	5	5	-	6
G2 Gotour 7.12 XC	3	6-8	2,5-3,5	1	0,6	-	5	5	-	6
G2 Gotour 7.23	3	6-8	2,5-3,5	1	0,6	-	5	5	-	6
G2 Gotour 7.43	3	6-8	2,5-3,5	1	0,6	-	5	5	-	-
G2 Gotour 7.43 RN	3	6-8	2,5-3,5	1	0,6	-	5	5	-	-
G2 Gotour 7.43 R	3	6-8	2,5-3,5	1	0,6	-	5	5	-	-
G2 Gotour 3.10	3	6-8	2,5-3,5	2,5-3	1,5	-	5-6	9-10	-	-
G2 Gotour 3.43 NL	3	6-8	2-2,5	2,5-3	1,5	-	5-6	9-10	-	14-15
G2 Gotour 3.43 R	3	5-7	2-2,5	2,5-3	1,5	-	5-6	9-10	-	-
G2 Gotour 5.10 HD	3	6-8	2,5-3,5	1	0,6	-	5	5	-	6
G2 Gotour 5.23	3	6-8	-	1	0,6	-	5-6	-	5-6	12-14
G2 Gotour 5.43 HD	3	6-8	2-2,5	1	0,6	-	5	5	-	6
G2 Gotour 5.43 R	3	6-8	2-2,5	1	0,6	-	5-6	-	5-6	12-14
G2 Gotour 7.12 XC V2	3	6-8	2,5-3,5	1	0,6	-	5	5	-	6
G2 Gotour 7.23 HD	3	6-8	-	1	0,6	-	5	5	-	6
G2 Gotour 7.23 HS CH	3	6-8	-	1	0,6	-	5	5	-	6
G1 Gotour EL 3.12 XC	3	6-8	2,5-3,5	2,5-3	0,6	-	5-6	9-10	-	14-15
G1 Gotour EL 3.20	3	6-8	2,5-3,5	2,5-3	0,6	-	5-6	9-10	-	14-15
G1 Gotour EL 3.40	3	6-8	2-2,5	2,5-3	0,6	-	5-6	9-10	-	14-15
G1 Gotour3 7.43	3	4	2-2,5	1	1	-	5-6	9-10	-	11
G1 Gotour6 3.10	3	6-8	5	1	1	-	5-6	9-10	-	-
G1 Gotour6 3.40	3	6-8	2-2,5	1	1	-	5-6	9-10	-	-
G1 Gotour6 3.41R	3	6-8	2-2,5	1	1	-	5-6	9-10	-	-
G1 Gotour6 5.20	3	6-8	2-2,5	1	1	-	6	11	5-6	11
G1 Gotour6 5.40	3	6-8	2-2,5	1	1	-	6	11	5-6	11
G1 Gotour6 5.41R	3	6-8	2-2,5	1	1	-	6	11	5-6	11
G3 Tandem 7.70	3	6-8	3	1	1	-	6	11	-	11
G3 Tandem 7.83	3	6-8	1	1	1	-	6	11	5-6	11

Tabel 15: Aanhaalmomenten voor het stuur en daarmee verbonden onderdelen

## 3.2 Zadel en achterdriehoek

E-bikemodel	Aanhaalmoment per onderdeel (in Nm)				
	Zadelframe	Zadelpenkleem	Schokdemper boven	Schokdemper onder	Rocker op zadelbuis
G1 Gotour 5.43	12	-	-	-	-
G1 Gotour 5.43R	12	-	-	-	-
G1 Gotour 7.10	9-10	-	-	-	-
G1 Gotour 7.10 ABS	9-10	-	-	-	-
G1 Gotour 7.10 SE	9-10	-	-	-	-
G1 Gotour 7.12 XC	9-10	-	-	-	-
G1 Gotour 7.12 XC ABS	9-10	-	-	-	-
G1 Gotour 7.23	9-10	-	-	-	-
G1 Gotour 7.23 Auto	9-10	-	-	-	-
G1 Gotour 5.12 CX	12	-	-	-	-
G1 Gotour 5.23 CX	12	-	-	-	-
G1 Gotour 5.43 Comfort CX	12	-	-	-	-
G1 Gotour 5.43 Comfort NL CX	12	-	-	-	-
G1 Gotour 5.43 CX	12	-	-	-	-
G1 Gotour X 7.12 XC	8-10	-	10	10	10
G1 Gotour X 7.23	8-10	-	10	10	10
G2 Gotour 5.10	12	-	-	-	-
G2 Gotour 7.10	9-10	-	-	-	-
G2 Gotour 7.12 XC	9-10	-	-	-	-
G2 Gotour 7.23	9-10	-	-	-	-
G2 Gotour 7.43	9-10	-	-	-	-
G2 Gotour 7.43 RN	9-10	-	-	-	-
G2 Gotour 7.43 R	9-10	-	-	-	-
G2 Gotour 3.10	9-10	-	-	-	-
G2 Gotour 3.43 NL	9-10	-	-	-	-
G2 Gotour 3.43 R	9-10	-	-	-	-
G2 Gotour 5.10 HD	12-14	-	-	-	-
G2 Gotour 5.23	8	-	-	-	-
G2 Gotour 5.43 HD	12-14	-	-	-	-
G2 Gotour 5.43 R	8	-	-	-	-
G2 Gotour 7.12 XC V2	12-14	-	-	-	-
G2 Gotour 7.23 HD	12-14	-	-	-	-
G2 Gotour 7.23 HS CH	12-14	-	-	-	-
G1 Gotour EL 3.12 XC	9	-	-	-	-
G1 Gotour EL 3.20	9	-	-	-	-
G1 Gotour EL 3.40	9-10	-	-	-	-
G1 Gotour3 7.43	12-14	6-8	-	-	-
G1 Gotour6 3.10	17-19	6-8	-	-	-
G1 Gotour6 3.40	17-19	6-8	-	-	-
G1 Gotour6 3.41R	17-19	6-8	-	-	-
G1 Gotour6 5.20	17-19	6-8	-	-	-
G1 Gotour6 5.40	17-19	6-8	-	-	-
G1 Gotour6 5.41R	17-19	6-8	-	-	-
G3 Tandem 7.70	8-13	6-8	-	-	-
G3 Tandem 7.83	8-13	6-8	-	-	-

Tabel 16: Aanhaalmomenten voor het zadel en de achterdriehoek

### 3.3 Onderdelen van de aandrijving

E-bikemodel	Aanhaalmoment per onderdeel (in Nm)										
	Motorbouten	Riemsplanner	Motorafdekplaat	Kettingplaatbouten/ Achterkettingwiel	Crank	Pedalen	Batterijhouder	Accuhouder	Accuslot	Deraillieur / kettingsplanner	Riempemmer (Snubber)
G1 Gotour 5.43	28-30	-	-	25-30	45-55	34	4-6	-	4-6	-	-
G1 Gotour 5.43R	28-30	-	-	25-30	45-55	34	4-6	-	4-6	-	-
G1 Gotour 7.10	20-22	-	10	25-30	45-55	34	4-6	-	4-6	8-10	-
G1 Gotour 7.10 ABS	20-22	-	10	25-30	45-55	34	4-6	-	4-6	8-10	-
G1 Gotour 7.10 SE	20-22	-	10	25-30	45-55	34	4-6	-	4-6	8-10	-
G1 Gotour 7.12 XC	20-22	-	10	25-30	45-55	34	4-6	-	4-6	8-10	-
G1 Gotour 7.12 XC ABS	20-22	-	10	25-30	45-55	34	4-6	-	4-6	8-10	-
G1 Gotour 7.23	20-22	-	10	25-30	45-55	34	4-6	-	4-6	-	-
G1 Gotour 7.23 Auto	20-22	-	10	25-30	45-55	34	4-6	-	4-6	-	-
G1 Gotour 5.12 CX	20-22	-	10	25-30	45-55	34	4-6	-	4-6	8-10	-
G1 Gotour 5.23 CX	20-22	-	10	25-30	45-55	34	4-6	-	4-6	-	-
G1 Gotour 5.43 Comfort CX	20-22	-	10	25-30	45-55	34	4-6	-	4-6	-	-
G1 Gotour 5.43 Comfort NL CX	20-22	-	10	25-30	45-55	34	4-6	-	4-6	-	-
G1 Gotour 5.43 CX	20-22	-	10	25-30	45-55	34	4-6	-	4-6	-	-
G1 Gotour X 7.12 XC	TBD	-	TBD	25-30	45-55	34	-	TBD	3	8-10	-
G1 Gotour X 7.23	TBD	TBD	TBD	25-30	45-55	34	-	TBD	3	-	8-10
G2 Gotour 5.10	30	-	20	25-30	45-55	34	-	4	3	8-10	-
G2 Gotour 7.10	30	-	20	25-30	45-55	34	-	4	3	8-10	-
G2 Gotour 7.12 XC	30	-	20	25-30	45-55	34	-	4	3	8-10	-
G2 Gotour 7.23	30	-	20	25-30	45-55	34	-	4	3	-	-
G2 Gotour 7.43	30	-	20	25-30	45-55	34	-	4	3	-	-
G2 Gotour 7.43 RN	30	-	20	25-30	45-55	34	-	4	3	-	-
G2 Gotour 7.43 R	TBD	-	20	25-30	45-55	34	-	4	3	-	-
G2 Gotour 3.10	30	-	20	25-30	45-55	34	-	4	3	8-10	-
G2 Gotour 3.43 NL	30	-	20	25-30	45-55	34	-	4	3	-	-
G2 Gotour 3.43 R	30	-	20	25-30	45-55	34	-	4	3	-	-
G2 Gotour 5.10 HD	30	-	20	25-30	45-55	34	-	4	3	8-10	-
G2 Gotour 5.23	30	-	20	25-30	45-55	34	-	4	3	-	-
G2 Gotour 5.43 HD	30	-	20	25-30	45-55	34	-	4	3	-	-
G2 Gotour 5.43 R	30	-	20	25-30	45-55	34	-	4	3	-	-
G2 Gotour 7.12 XC V2	30	-	20	25-30	45-55	34	-	4	3	8-10	-
G2 Gotour 7.23 HD	30	-	20	25-30	45-55	34	-	4	3	-	-
G2 Gotour 7.23 HS CH	30	-	20	25-30	45-55	34	-	4	3	-	-
G1 Gotour3 7.43	20-24	-	-	13	50	34	-	-	8-10	-	-
G1 Gotour6 3.10	28-30	-	9-11	25-30	45-55	34	4-6	-	4-6	8-10	-
G1 Gotour6 3.40	28-30	-	9-11	25-30	45-55	34	4-6	-	4-6	-	-
G1 Gotour6 3.41R	28-30	-	9-11	25-30	45-55	34	4-6	-	4-6	-	-
G1 Gotour6 5.20	28-30	-	9-11	30	45-55	34	4-6	-	4-6	8-10	-
G1 Gotour6 5.40	28-30	-	9-11	30	45-55	34	4-6	-	4-6	8-10	-
G1 Gotour6 5.41R	28-30	-	9-11	30	45-55	34	4-6	-	4-6	8-10	-
G3 Tandem 7.70	28-30	-	9-11	30	45-55	34	4-6	-	4-6	8-10	-
G3 Tandem 7.83	28-30	-	9-11	30	45-55	34	4-6	-	4-6	-	-
G1 Gotour EL 3.12 XC	28-30	-	13-15	25-30	45-55	34	-	4	3	8-10	-
G1 Gotour EL 3.20	28-30	-	13-15	25-30	45-55	34	-	4	3	8-10	-
G1 Gotour EL 3.40	28-30	-	13-15	25-30	45-55	34	-	4	3	8-10	-

Tabel 17: Aanhaalmomenten voor onderdelen van de aandrijving

### 3.4 Wielen en remmen

E-bikemodel	Aanhaalmoment per onderdeel (in Nm)					
	Wielmoeren / steekas achterwiel	Steekas voorwiel	Remklauw schijfrem	Cassette/ Achterkettingwiel	Snelheidsensor	Magneet
G1 Gotour 5.43	30-45	8-10	6-8	-	-	-
G1 Gotour 5.43R	30-45	8-10	6-8	-	-	-
G1 Gotour 7.10	-	8-10	6-8	30-50	-	-
G1 Gotour 7.10 ABS	-	8-10	6	30-50	-	-
G1 Gotour 7.10 SE	-	8-10	6-8	30-50	-	-
G1 Gotour 7.12 XC	-	8-10	6-8	30-50	-	-
G1 Gotour 7.12 XC ABS	-	8-10	6	30-50	-	-
G1 Gotour 7.23	30-40	8-10	6-8	-	-	-
G1 Gotour 7.23 Auto	30-40	8-10	6-8	-	-	-
G1 Gotour 5.12 CX	-	8-10	5-7	30-50	-	-
G1 Gotour 5.23 CX	30-40	8-10	5-7	-	-	-
G1 Gotour 5.43 Comfort CX	30-45	8-10	6-8	-	-	-
G1 Gotour 5.43 Comfort NL CX	30-45	8-10	6-8	-	-	-
G1 Gotour 5.43 CX	30-45	8-10	6-8	-	-	-
G1 Gotour X 7.12 XC		8-10				
G1 Gotour X 7.23		8-10				
G2 Gotour 5.10	-	8-10	6-8	30-50	3	-
G2 Gotour 7.10	-	8-10	6-8	30-50	3	-
G2 Gotour 7.12 XC	-	8-10	6-8	30-50	3	-
G2 Gotour 7.23	30-40	8-10	6-8	-	3	-
G2 Gotour 7.43	30-45	8-10	6-8	-	3	-
G2 Gotour 7.43 RN	30-45	8-10	6-8	-	3	-
G2 Gotour 7.43 R	30-45	8-10	6-8	-	3	-
G2 Gotour 3.10	-	8-10	6-8	30-50	-	-
G2 Gotour 3.43 NL	30-45	8-10	6-8	-	-	-
G2 Gotour 3.43 R	30-45	8-10	6-8	-	-	-
G2 Gotour 5.10 HD	-	8-10	6-8	30-50	3 (XS)	-
G2 Gotour 5.23	30-40	8-10	6-8	-	3 (XS)	4 (XS)
G2 Gotour 5.43 HD	30-45	8-10	6-8	-	3 (XS)	-
G2 Gotour 5.43 R	30-45	8-10	6-8	-	3 (XS)	-
G2 Gotour 7.12 XC V2	-	8-10	6-8	30-50	3 (XS)	-
G2 Gotour 7.23 HD	30-40	8-10	6-8	-	3 (XS)	4 (XS)
G2 Gotour 7.23 HS CH	30-40	8-10	6-8	-	3 (XS)	4 (XS)
G1 Gotour3 7.43						
G1 Gotour6 3.10						
G1 Gotour6 3.40	30-45	21-26	6-8	-	3	1
G1 Gotour6 3.41R	30-45	21-26	6-8	-	3	1
G1 Gotour6 5.20	30-45	21-26	6-8	30-50	3	1
G1 Gotour6 5.40	30-45	21-26	6-8	30-50	3	1
G1 Gotour6 5.41R	-	21-26	6-8	30-50	3	1
G1 Gotour EL 3.12 XC	-	-	6-8	30-50	-	-
G1 Gotour EL 3.20	30-40	-	6-8	-	-	-
G1 Gotour EL 3.40	30-45	-	6-8	-	-	-
G3 Tandem 7.70	-	10	6-8	30-50	3	1
G3 Tandem 7.83	-	10	6-8	-	3	1

Tabel 18: Aanhaalmomenten voor de wielen en daarmee verbonden onderdelen



