

ENERPOWER

Nur positive Energie!
Only positive energy!

PRODUKTSPEZIFIKATIONEN

PRODUCT SPECIFICATIONS

Produkt	Li-Ion Akku 24V / 36V / 48V für Elektrofahrräder
Product	Li-ion Battery 24V / 36V / 48V for eBikes
Typ	Silverfish
Type	



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Allgemein

Der Akku (24V, 36V oder 48V) wird in ein Gehäuse des Typen Silverfish gefertigt. Dieses Gehäuse findet man u.a. bei Marken wie Prophete und Alurex in Aldi, Praktiker, Hagebaumarkt, Obi sowie bei Elektro-Klapräder etc. ENERpowers Akkus werden in Berlin-Adlershof mit Markenzellen gefertigt (bspw. Samsung SDI, Panasonic, Sanyo, LG Chem).

General Information

The battery (36V or 48V), equivalent to Phylion XH370-10J, is assembled in a case that's designed to fit the bike's luggage rack. This case can be found at brands such as Prophete®, Mifa®, Phylion®, Rex® and others. ENERpower's batteries are assembled in Berlin, Germany, using battery cells from notable brands such as Samsung SDI®, Panasonic®, Sanyo®, LG Chem® and others.



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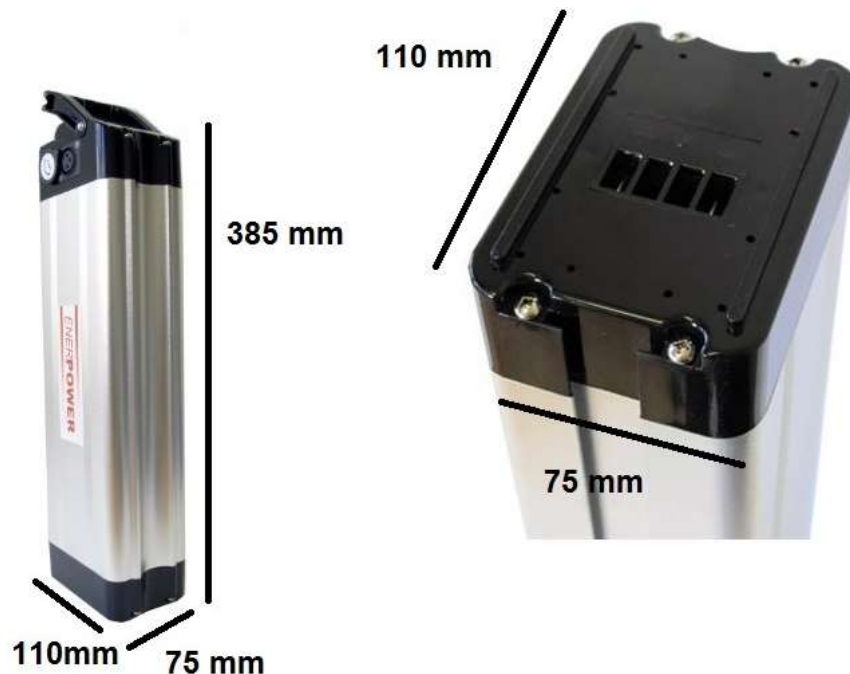
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Allgemeine technische Daten

Li-Ion Akkuzelle	Li-Ion Battery Cell	18650 zylindrische Zelle 18650 cylindrical cell	
Spannung	Voltage	24V / 36V / 48V	
Ladespannung	Charge Voltage	24V	29.4V
		36V	42V
		48V	54.6V
Konfiguration (Max.)	Configuration (Max.)	24V	7S7P
		36V	10S5P
		48V	13S4P
Interner Widerstand	Internal Resistance	< 75 mOhm	
Dauerentladestrom	Constant Discharge Current	18A	
10 Min. Entladestrom	10 Min. Discharge Current	20A	
5 Sek. Entladestrom	5 Sec. Discharge Current	35A	

Dimensionen



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Modelle 24V | Models 24V

Modell Model	Akkuzelle Battery Cell	Kapazität Capacity
SF24V15.6	Samsung ICR18650-26J	15.60 Ah
SF24V18.2	Samsung ICR18650-26J	18.20 Ah
SF24V17.4	Samsung INR18650-29E	17.40 Ah
SF24V20.3	Samsung INR18650-29E	20.30 Ah
SF24V20.4	Panasonic NCR18650B	20.40 Ah
SF24V23.8	Panasonic NCR18650B	23.80 Ah
SF24V20.70	Samsung INR18650-35E	20.70 Ah
SF24V24.15	Samsung INR18650-35E	24.15 Ah

Modelle 36V | Models 36V

Modell Model	Akkuzelle Battery Cell	Kapazität Capacity
SF36V10	Samsung ICR18650-26J	10.4 Ah
SF36V11.6	Samsung INR18650-29E	11.6 Ah
SF36V11.6	Sony US18650NC1	11.6 Ah
SF36V13	Samsung ICR18650-26J	13 Ah
SF36V14.5	Samsung INR18650-29E	14.5 Ah
SF36V17	Panasonic NCR18650B	17 Ah
SF36V17.25	Samsung INR18650-35E	17.25 Ah

Modelle 48V | Models 48V

Modell Model	Akkuzelle Battery Cell	Kapazität Capacity
SF48V10.4	Samsung ICR18650-26J	10.40 Ah
SF48V11.6	Samsung INR18650-29E	11.60 Ah
SF48V13	Samsung ICR18650-26J	13 Ah
SF48V14.5	Samsung INR18650-29E	14.50 Ah
SF48V16	LG INR18650-MH1	16 Ah
SF48V17	Panasonic NCR18650B	17 Ah
SF48V17.25	Samsung INR18650-35E / Sanyo NCR18650GA	17.25 Ah

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Kompatibilität (bspw.) | Compatibility (e.g.)

- Prophete Models ab/from 2006: 2027, 2069, 2368, 2922, 2983, 1900, 2115, 2122, 2319, 2669, 2970, 2981
- Prophete Models ab/from 2013: 52038, 52039, 51040, 52040, 52041, 52042, 52043
- City Star
- Aldi Cyro starting ab/from 2012
- Lidl Rex

Sicherheit

- Temperaturenüberwachung:
 - Aufladen: 0-40°C
 - Entladen: 0-65°C
- Schutz gegen Überladung, Tiefentladung, Überentladung
- Integrierter Zellen-Balancer

Safety

- Temperature Control:
 - Charging: 0-40°C
 - Discharging: 0-65°C
- Protection against overcharge, deep-discharge, over-discharge
- Integrated Cells-Balancer

Distributor

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