



Charger for e-Bikes & e-Scooter LiON Smart Charger 36 V | 4 A



Product information

Highlights:

- Universal charger for e-bikes and e-scooters
- Ultra compact; the perfect travel charger
- Energy efficient; highest power density of its class up to 4 A charging current
- Universal; by using interchangeable adapter cables >> enables charging of a variety of different 36V battery systems
- Smart operation >> the LiON app offers individual charging profiles, e.g. fast charging to maximum capacity, gentle charging to extend battery life, winter storage, etc.
- Simple data transfer from the app to the charger via NFC (no cables or Bluetooth required)
- Insensitive to dirt, there are no ventilation slots and fans
- Mains connection via space-saving spiral cable
- Adapter cable for all common battery system plugs (e.g. Bosch, BMZ, Ansmann, DC round plug, etc.) separately available
- A LiON smart charger in combination with the appropriate adapter cables is sufficient for various 36V battery systems in the household
- Comprehensive protective circuits always ensure safe operation:
 - Over and under voltage protection
 - Reverse polarity protection
 - Over current protection
 - Short-circuit strength
 - Over temperature protection
 - Adapter cable monitoring
 - Automatic pre-charging operation when the batteries are discharged
 - Limitation of the maximum loading time (Battery life preservation)

Technical data

Mains voltage	[V]	220 ... 240
Mains frequency	[Hz]	50-60
Input voltage	[A]	0,78
Temperature range	[°C]	-5 ... +40
Charging current	[A]	0,5 ... 4
Nominal charging voltage	[V dc]	36
Maximum charging voltage	[V dc]	42
Power density	[W/in ³]	6,8

Dimensions & weight

Length	[mm]	145
Width	[mm]	80
Height	[mm]	30
Weight	[g]	370

Sustainability

Lifetime	[h]	20.000
Efficiency		94%

Marks

