

Downtube battery

DATA SHEET

Description



The technically sophisticated lithium-ion high-performance battery, with a capacity of 515 Wh, supplies the necessary power for best motor performance.

It is mounted on the topside of the downtube, firmly and backlash-free hold by a metal rail.

Thanks to a magnetic connection system the battery securely locks into the socket on the timing case and is always safe to operate, resisting even strongest vibrations or jolts during the ride.

An integrated compact lock protects the battery from theft.

The housing offers opportunities for attractive visual design. Individual painting or details on that on request.

Equipped with a separate charging socket, the battery can be charged either away from the bike or while it is attached to it. There are two chargers available – for standard charging of approx. 8 hrs or quick charging of approx. 4 hrs.

Features

36 V / 14.25 Ah / 515 Wh

Safe, proven and tested lithium-ion technology

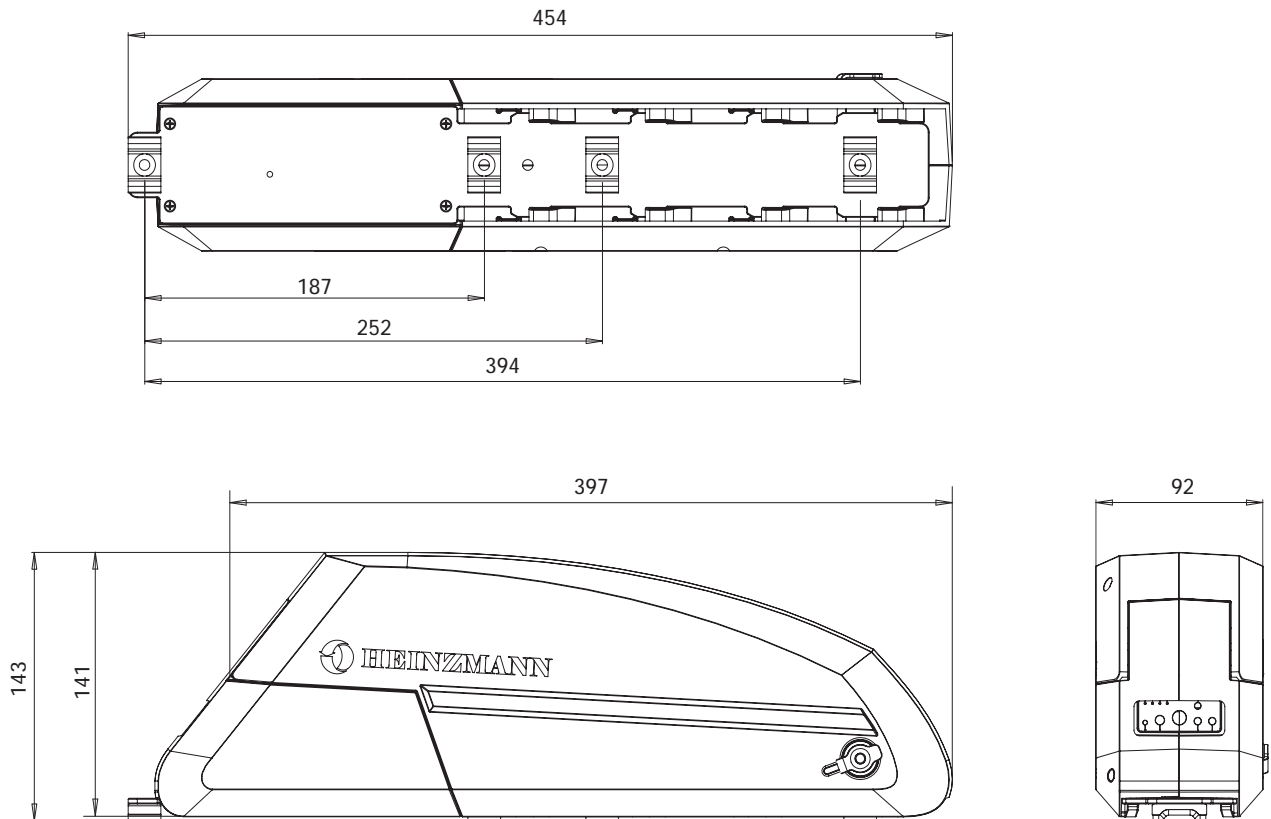
Passive cell balancing to increase service life

High-quality materials, watertight and sturdy, shock and vibration resistant

Magnetic plug connections for quick insertion of the battery

Stable attachment at bicycle frame with metal slide rail

Dimensions



Downtube battery with controller box and slide rail

Technical Data

Voltage	36 V
Capacity	14.25 Ah
Energy content	515 Wh
Weight	approx. 3.5 kg
Degree of protection	IP54
Charging time	
At charging current of 2 A	approx. 8 h
At charging current of 4 A	approx. 4 h
Operating temperature ranges	
Normal operation	-10 to 45 °C
Charging	10 to 35 °C
Storage (e.g. overwintering)	-10 to 45 °C

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