



## BATTERY

Since 2013, our battery technology can be found in the large electric scooter rental fleets in Berlin, Munich, Stuttgart, Paris and Bordeaux, as well as in a wide range of industrial products. We developed the electronics and the software of the battery management system (BMS) ourselves and can react quickly to any functional requirement. With a UL certification, the BMS can be legally distributed in more than 50 countries worldwide, including the USA.

## ■ BATTERY PACK

Our battery packs provide the power for Europe's largest rental scooter fleets and have proven safe continuous operation and a long service life in more than 5,000,000 km and more than 150,000 hours of charging.

24/7 continuous operation requires a robust battery management system (BMS) to ensure high safety and availability. Since we have developed 100% of the BMS electronics and software ourselves, we can react flexibly to special customer requirements and special functions.

## ■ OVERVIEW

<b>Energy</b>	2026 Wh
<b>Cell type</b>	Samsung INR 18650 35E
<b>Cell config</b>	14S 12P
<b>Nominal voltage</b>	50.4V
<b>Voltage range</b>	30V - 59V
<b>Cont. current</b>	50A
<b>Peak current</b>	65A
<b>12V output</b>	1.6A
<b>Standby</b>	<0.1mA
<b>Digital inputs</b>	Keylock (Enable), Charger
<b>Communication</b>	CAN-Bus
<b>Diagnostic interface</b>	USB, CAN
<b>Dimensions</b>	268mm x 76mm x 378mm
<b>Weight</b>	10kg

## ■ VIEWS

