

Empowered by **FRIWO**



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.

www.friwo.com

BATTERY PACK

The high-power battery pack is based on our proven e-scooter battery and has been further developed for maximum performance and durability. The INR1865030Q high current cells from Samsung allow discharge currents of up to 180A.

The high-power battery BMS is extended to include an external power module, which can offer continuous currents of 140A. The Stäubli industrial connector system guarantees a secure connection and allows the use of 16mm² cable cross-sections.

OVERVIEW

Energy	1814 Wh
Cell type	Samsung INR 18650 30Q
Cell config	14S 12P
Nominal voltage	50.4V
Voltage range	30V - 59V
Cont. current	140A
Peak current	180A
12V output	1.6A
Standby	<0.1A
Digital inputs	Keylock (Enable), Charger
Communication	CAN-Bus
Diagnostic interface	USB, CAN
Dimensions	268mm x 76mm x 378mm
Weight	10kg

VIEWS

