

# Sodium-ion Battery Solutions for Electric Motorcycle

Na+



Sodium battery technology uses sodium ions for energy storage and release. Compared with lithium-ion batteries, sodium batteries have the advantages of low cost, high safety, high and low temperature performance and long cycle life, and have a wide range of application prospects in the field of low-speed electric vehicles and energy storage.

## Why TWS?

Cutting-edge industry information and technical support, and extensive industrial resources

24/7 design team to quickly respond to customer needs, thereby reducing time to market

Rooted in the field of new energy batteries for many years, with rich experiences in battery development

After-sales localization and globalization of technical services



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### Advantages



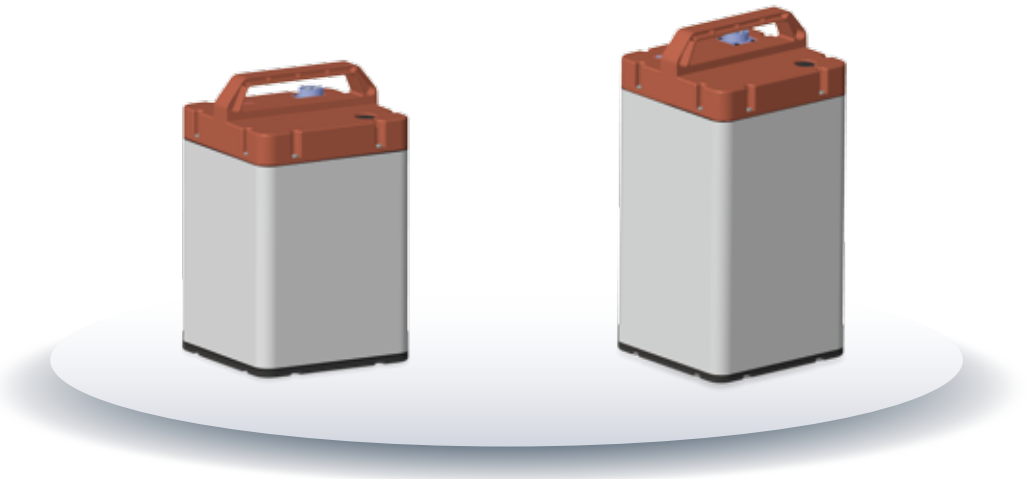
Excellent high and low temperature performance



High safety



High fast-charging rate, with the advantage of replenishing energy



Model	TWS-EM-SIB-4820	TWS-EM-SIB-6020
Cell type	32140FS	32140FS
Dimensions	180*150*295 (mm)	180*150*360 (mm)
Configuration	16S2P	20S2P
Nominal capacity	20Ah	20Ah
Recommended power of motor	350W-500W	800W-1200W
Nominal voltage	48V	60V
Max. charging current	40A	40A
Max. continuous discharge current	60A	60A
Waterproof	IPX6	IPX6
Communication	CAN/RS485	CAN/RS485