

Telecom Sodium-ion Battery

VST48100

NEW

Intelligent sodium-ion battery, integrated with self-developed BMS and advanced sodium-ion cell technology, which can be widely used in various telecom and energy storage systems. It delivers extraordinary cycle life, excellent wide-temperature performance, and enhanced safety for reliable communication backup power.



Extraordinary long lifetime and cycle life



Wide temperature tolerance



Self-developed BMS and DCDC technology



With SNMP and TCP/IP to remotemonitoring



3 levels protection from cell topack



Model	VST48100
Connection Method	1P10S
Nominal Energy	4.8kWh
Nominal Capacity	100Ah
Nominal Voltage	48V
Voltage Range	48-57V
Max. Continuous Charge Current	100A@25°C
Max. Continuous Discharge Current	100A@25°C
Recommended Charge Current	50A@25°C
Allowed Operating Temperature Range	-10°C~60°C(Charge) -20°C~60°C(Discharge)
Dimension(W*D*H)	480*550*200mm
Weight	46kg
Communication	RS485 CAN/SNMP(Optional)
Function(Optional)	GPS, Gyroscope, LCD etc