

Telecom Smart Lithium-ion Battery

VT48100E-ST

Intelligent telecom backup LFP battery, integrated with self-developed BMS, long-life LFP cells and DC-DC function, which can be widely used in various telecom and energy storage system.



Long design life
up to 15 + years @ 25°C



DC-DC function
compatible with VRLA
& old LFP battery



High rate
charge-discharge



Intelligent
anti-theft solution



Multiple
protection methods



Model	VT48100E-ST
Connection Method	1P15S
Nominal Energy	4.8kWh
Nominal Capacity	100Ah
Nominal Voltage	48V
Voltage Range	40.5-54V
Max. Continuous Charge Current	100A@25°C
Max. Continuous Discharge Current	100A@25°C
Recommended Charge Current	15A@25°C
Allowed Operating Temperature Range	0~60°C(Charge) -20~60°C(Discharge)
Dimension(W*D*H)	482*450*130mm
Weight	43kg
Communication	RS485 CAN/SNMP(Optional)
Function(Optional)	Peak Shaving/Mix Up with Lead-acid/Normal Lithium Battery