

SMART RESIDENTIAL ESS SOLUTION

VT48200B



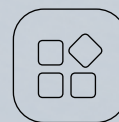
Most safety LiFePO_4
as cathode material



Long cyclic life-6000
cycles(80%DOD)



Modular design
Easy expandability



Self-designed BMS
International
design certification

TECHNICAL SPECIFICATIONS

Model	VT48200B
Cell Type	LFP
Nominal Energy	9.6kWh
Nominal Capacity	200Ah
Nominal Voltage	48V
Operating Voltage Range	40.5~54.0V
Nominal Charge Voltage	54.0V
Charge Current/Max.Continuous	100A
Discharge Cut-off Voltage	40.5V
Discharge Current/Max. Continuous	100A
Recommended Depth of Discharge	80% DOD
Operating Temp. Range/Charge	0°C~60°C
Operating Temp. Range/Discharge	-20°C~60°C
Dimension(W*H*D)	444*222*490mm
Weight	Approx. 76.5kg
IP Rating	IP20
Expansion	Max. 15 Units in Parallel
Communication	CAN/RS485
Cooling Mode	Natural Cooling
Cycle Life	6000 Cycles, 80%DOD@25°C
Design Life	15+Years(25°C)
Installation	Floor/Rack Mounted
Allowed Humidity Range	≤95%RH
Protections	Over Charge, Over Discharge, Over Temperature, Over Current, Short Circuit etc.
Compatible Inverters	Deye, Solis, Hoymiles, Senergy, Afore, Megarevo, SRNE, Inhenenergy etc.
Certifications	UN38.3, CE-EMC, IEC 62619, Rohs

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