

VESTWOODS

SMART RESIDENTIAL ESS SOLUTION

VT48100E-M2



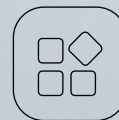
Most safety LiFePO_4
as cathode material



Long cyclic life-6000
cycles(80%DOD)

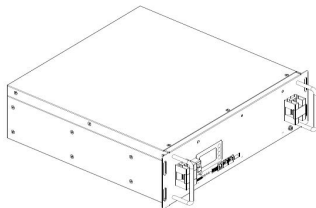


Modular design
Easy expandability



Self-designed BMS
International
design certification

SPECIFICATION

Models	VE48100E-M2
Schematic Diagram	
Cell Type	LFP
Nominal Energy	5.12kWh
Nominal Capacity	100Ah
Nominal Voltage	51.2V
Operating Voltage Range	42.0V~57.6V
Nominal charge Voltage	57.6V
Charge Current/Max.Continuous	100A
Discharge Cut-off Voltage	42.0V
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
Dimensions(W*H*D)	445*130*450mm
Weight	43kg
IP	IP20
Expansion	Max. 15 units in parallel
Communication	CAN/RS485
Cooling Mode	Natural Cooling
Cycle life	6000,80%DOD@25°C
Design Life	15+Years
Installation	Wall/Floor/19 or 23 inch cabinet/Rack
Allowed Humidity Range	≤95% RH
Protections	Overcharge/Overdischarge/Overtemperature/Overcurrent/Short Circuit etc.
Compatible Inverters	Deye/Solis/Hoymiles/Senergy/Afore/Megarevo/SRNE/Inhenergy etc.
Certifications	UN38.3, CE-EMC, IEC 62619

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