VESTWOODS
by Haier Energy

SMART RESS SOLUTION

VT48100E-W



Most safety LiFePO4 as cathode material

Long cyclic life-6000 cycles(80%DOD)

Modular design
Easy expandability

Free maintenance
Easy installation

TECHNICAL SPECIFICATIONS

Model	VT48100E-W
Cell Type	LFP
Nominal Energy	5.12kWh
Nominal Capacity	100Ah
Nominal Voltage	51.2V
Operating Voltage Range	42.0~57.6V
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
Dimension(W*H*D)	443*450*150mm
Weight	Approx. 43kg
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/ Cabinet/ 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/Inhenergy etc.
Certifications	UN38.3, CE-EMC, IEC 62619

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