

VESTWOODS

SMART RESIDENTIAL ESS SOLUTION

VE51280W



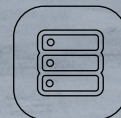
Most safety LiFePO_4
as cathode material



Long cyclic life-6000
cycles (80%DOD)




Max. Current
150A



IP65 for outdoor
installation

SPECIFICATION

Model	VE51280W
Schematic Diagram	
Cell Type	LFP
Nominal Energy	14.33kWh
Nominal Capacity	280Ah
Nominal Voltage	51.2V
Operating Voltage Range	42.0~57.6V
Nominal Charge Voltage	57.6V
Charge Current/Max. Continuous	150A
Discharge Cut-off Voltage	42.0V
Discharge Current/Max. Continuous	150A
Recommended Depth of Discharge	80%
Operating Temp. Range/Charge	0~60°C
Operating Temp. Range/Discharge	-20~60°C
Dimension(W*H*D)	607.5*842*261.5mm (With Battery Bracket)
Weight	Approx. 123.5kg (With Battery Bracket)
IP Rating	IP65
Expansion	Max. 15 Units in Parallel
Color	White
Communication	CAN/RS485/WIFI/Bluetooth
Cooling Mode	Natural Cooling
Cycle Life	6000 Cycles, 80%DOD@25°C
Design Life	15+ Years (25°C)
Installation Method	Floor Mounted
Allowed Humidity Range	≤95% RH
Altitude	<2000m
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/ IEC62619/CE-EMC/IEC RED

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