





SMART RESIDENTIAL ESS SOLUTION

EW-Series

EE51100W



-  Most safety LiFePO_4 as cathode material
-  Long cyclic life-6000 cycles (80% DOD)
-  Remote OTA updating
-  IP65 for outdoor installation

TECHNICAL SPECIFICATIONS

Model	EE51100W
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%
Ambient Temperature/Charge	0~60°C
Ambient Temperature/Discharge	-20~60°C
Dimension(W*H*D)	410*665*206mm(With Battery Bracket)
Weight	Approx. 51.8kg (With Battery Bracket)
IP Rating	IP65
Expansion	Max. 15 Units in Parallel
Color	White
Communication	CAN/RS485
Monitoring	APP
Cooling Mode	Natural Cooling
Cycle Life	6000 Cycles, 80%DOD@25oC
Design Life	15+ Years (25oC)
Installation Method	Floor/Wall 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, Rohs. IEC 62040

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