

PV Input

Max PV Input Power	4.4 kW
Rated Output Power	5 kW
Max Output Power	12 kVA
Max DC Voltage	145 VDC
MPPT Voltage Range	60 - 115 VDC
Max Input Current per MPPT	50A
Number of MPPT Trackers	1

Battery

Battery Type	LiFePO4
Rated Capacity	100 Ah
Rated Energy	5.12 kWh
Battery Voltage	51.2V
Continuous Charging Current	20A
Standard Discharging Current	20A
Cycle life	6000

AC Input

AC Power	220/230 VAC
AC Voltage	90-280 VAC
Maximum AC Input Current	40 A
Loaded motor capacity	4HP

AC Output

Output Voltage	230 VAC
Frequency Range	50 Hz/60 Hz
Peak Power	10000VA
Inverter type	Pure Sine Wave

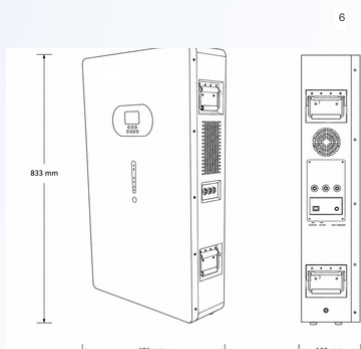
General Data

Dimension	481 x 163 x 833 mm	Ac Output Max Efficiency	>92 %
Net Weight	70 kg	Ac Input Max Efficiency	>95 %
Parallel Function	6 units	Operating Temperature	-20°C to 65°C
Communication Port	RS485, CAN	Humidity range	5~ 95% RH (No condensing)

Product Features



Dimensions



Certifications



EN
50549



IEC/EN
62109

EMC

