

PV Input

Max PV Input Power	4.5 + 4.5 kW
Rated Output Power	5 kW
Max Output Power	12 kVA
Max DC Voltage	500 VDC + 500 VDC
MPPT Voltage Range	120 - 450 VDC
Max Input Current per MPPT	27A + 27A
Number of MPPT Trackers	2

AC Input

AC Power	230 VAC
AC Voltage	90-280 VAC
Maximum AC Input Current	40 A

Battery

Battery Type	LiFePO4
Rated Capacity	100 Ah
Rated Energy	10.24 / 15.36 kWh
Battery Voltage	51.2V
Continuous Charging Current	100A
Continuous Discharging Current	100A
Cycle life	8000

AC Output

Output Voltage	230 VAC
Frequency Range	50 Hz/60 Hz
AC Power	5kW
THD	<3%
Inverter type	Pure Sine Wave

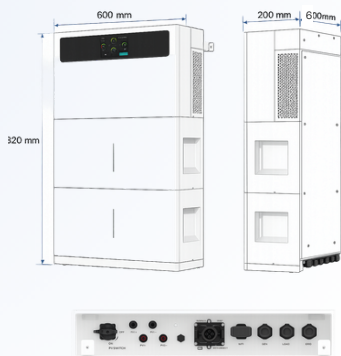
General Data

Dimension	600 x 200 x 820 mm	Max Inverter Efficiency	>97.5%
Net Weight	88 kg	MPPT Tracking Efficiency	99.9 %
Parallel Function	6 units	Operating Temperature	-10°C to 60°C
Communication Port	RS485, CAN, USB, Dry contact control, 4G, WIFI	Humidity range	0 ~ 100% RH (No condensing)

Product Features



Dimensions



Certifications



EN
50549



IEC/EN
62109

EMC

