

PV Input

Max PV Input Power	6.5 / 9 kW
Rated Output Power	6.2 / 12 kW
Max Output Power	12 / 24 kVA
Max DC Voltage	500 VDC
MPPT Voltage Range	120 - 500 VDC
Max Input Current per MPPT	27/27 + 27 A
Number of MPPT Trackers	1 / 2

Battery

Battery Type	LiFePO4
Rated Capacity	200 / 314 Ah
Rated Energy	10.24 / 16.076 kWh
Battery Voltage	51.2V
Continuous Charging Current	80/ 150 A
Continuous Discharging Current	150A
Cycle life	8000

AC Input

AC Voltage	230 VAC
AC Voltage Range	90-280 VAC
Maximum AC Input Current	40 / 63 A

AC Output

Output Voltage	230 VAC
Frequency Range	50 Hz/60 Hz
AC Power	6.2kW / 12 kW
Transfer time	≥10ms
Inverter type	Pure Sine Wave

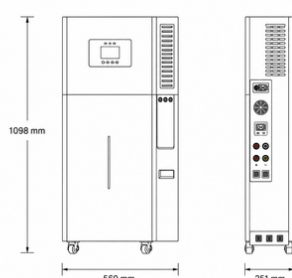
General Data

Dimension	1098 x 560 x 251 mm	Max Inverter Efficiency	>92 % / >94 %
Net Weight	105 / 130 kg	Ac Mode Efficiency	> 95 %
IP rating	IP54	Operating Temperature	-20°C to 60°C
Communication Port	RS485, USB, Dry contact control, 4G, WIFI	Humidity range	5 ~ 95% RH (No condensing)

Product Features



Dimensions



Certifications



EN 50549



IEC/EN 62109

EMC



PV Input

Max PV Input Power	9 /12 kW
Rated Output Power	7.2 / 12 kW
Max Output Power	12 /24/16.5/10.8 kVA
Max DC Voltage	500 VDC
MPPT Voltage Range	90-485 / 90-500 VDC
Max Input Current per MPPT	16+16A / 22+22 A
Number of MPPT Trackers	2

Battery

Battery Type	LiFePO4
Rated Capacity	314 Ah
Rated Energy	16.08 kWh
Battery Voltage	51.2V
Continuous Charging Current	100 / 150 A
Continuous Discharging Current	150A
Cycle life	8000

AC Input

AC Voltage	240 VAC
AC Voltage range	85 - 140 Vdc
Maximum AC Input Current	63 / 60 A

AC Output

Output Voltage	240 VAC
Frequency Range	50 Hz/60 Hz
AC Power	7.2kW / 12 kW
Transfer Time	≥10 ms
Inverter type	Pure Sine Wave (Single and split phase)

General Data

Dimension	1098 x 251 x 560 mm	Max Inverter Efficiency	>92% / >94%
Net Weight	88 kg	AC Mode Efficiency	>95 %
IP rating	IP21	Operating Temperature	-25°C to 60°C
Communication Port	RS485, CAN, USB, Dry contact control, 4G, WIFI	Humidity range	5 ~ 95% RH (No condensing)

Product Features



LiFePO4 Battery Technology



<10ms UPS Backup



90V ↔ 500V
Wide MPPT



Pure Sine Wave Output

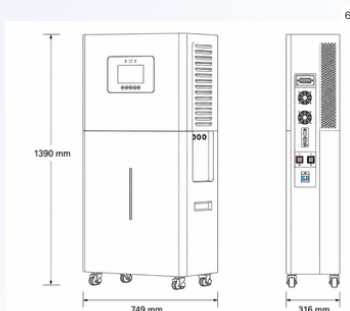


Up to 6 Units Parallel



95% Efficiency

Dimensions



Certifications



EN 50549



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EMC



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