

PV Input

Max PV Input Power	6.2 kW
Start Voltage	120 Vdc
Max DC Voltage	500 VDC
MPPT Voltage Range	120 - 450 VDC
Max Input Current per MPPT	22 A
Number of MPPT	1

Battery

Battery Type	LiFePO4
Rated Capacity	140 Ah
Rated Energy	7.168 kWh
Battery Voltage	51.2V
Continuous Charging Current	80A
Continuous Discharging Current	80A
Cycle life	6000

AC Output

AC Power	230 VAC
AC Voltage range	180-270 VAC
Maximum AC Input Current	18.3 A
Maximum AC Output Current	16 A

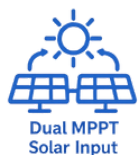
AC Output

Transfer time	10 ms
Frequency Range	50 Hz/60 Hz
AC Power	4.2 kW
THD	<3%
Inverter type	Pure Sine Wave

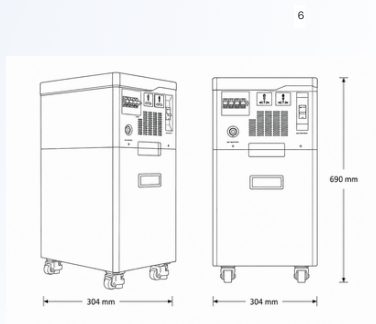
General Data

Dimension	520 x 304 x 690 mm	Max DC-AC Efficiency	>92 %
Net Weight	76.6 kg	MPPT Tracking Efficiency	99.9 %
IP Rating	IP21	Operating Temperature	-20°C to 60°C
Communication Port	RS485, RS 232	Relative Humidity	5 ~ 95% RH

Product Features



Dimensions



Certifications



EN
50549



IEC/EN
62109

EMC

