

Battery

Battery Type	LiFePO4
Rated Capacity	314 Ah
Rated Energy	8.038 -16.078 kWh
Battery Voltage	25.6 / 51.2V
Continuous Charging Current	140 A
Continuous Discharging Current	140 A
Cycle life	8000

PV Input

PV Power	3.6 - 14 kW
MPPT Voltage Range	40 - 450 VDC 90-450 VDC
Max DC Voltage	1000 VDC
Max Input Current	30 A
SwitchTime	< 10 ms

General Data

Dimension	425 x 425 x 535 mm 500 x 450 x 790 mm
Net Weight	60 /155kg
IP rating	IP20
Conversion Efficiency	90 / 95 %
Operating Temperature	-10°C to 60°C
Communication Port	RS485, CAN, Dry contact control, WIFI

AC Output

Output Voltage	230 VAC
Frequency Range	50 Hz/60 Hz
AC Power	3.6 - 11 kW
Inverter type	Pure Sine Wave

Certifications



EN
50549



IEC/EN
62109

EMC

Product Features



LCD Display



Metal Enclosure



140A Charge
& Discharge



Air Cooling



8000+
8000+ Life



Wide Operating
Temperature

Dimensions

