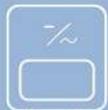




PRODUCT PARAMETER



Inverter

Model

SCAS-5.5KW-5KWH

Rated Power	5.5KW
AC Rated Voltage	230VAC
Rated Frequency	50Hz
Efficiency	>98%
Transfer Time	10ms
Waveform	Pure sinusoidal wave
Battery Overvoltage	58.4V
Battery Undervoltage Alarm	45V
Constant Voltage Charge	58.4V
Float Voltage	56V
Max Charging Current	100A
Communication Interface	RS232 (Inverter)/RS485 (BMS)



Ac Input

Nominal Voltage	230VAC
Voltage Range	90-280VAC
Rated Frequency	50/60Hz
Frequency Range	40-70Hz
Rated Current	30A
Max AC Current	60A



Ac Input

Max Voltage	500V
Optimum Voltage	300-400V
Voltage Range	120V-500VDC
Max Power	5500W

Rated Capacity

5120Wh(100Ah)

Nominal Voltage	51.2V
Discharge Voltage Range	43.2V-58.4V
Standard Charging Current	50A
Max Charging Current	100A
Max Discharging Current	100A
Depth of Discharge	95%
Communication Interface	CAN/RS485
Cycle Life	6000, 25±2°C ≥ 0.5C, EOL80%
Working Temperature Range	Charge: 0°C -50°C; Discharge: -10°C -60°C
Storage Temperature	-20°C -60°C
Dimension	73*45.2*27cm



Battery