



Standing All-in-One ESS

51.2V100/200/300Ah

Product Highlights

- Private mold integrated design, battery and inverter highly integrated without additional wiring, universal wheels, flexible movement.
- Brand new A grade LiFePo4, 6000/8000 times cycle life, Lifespan up to 10 years.
- Integrated inverter and controller, Built-in Li-ion battery, Multiple current protection, MPPT max current over 100A/150A.
- Intelligent LCD display, LED indicator light, real-time monitoring of operating data.
- Full power pure sine wave, stable discharge waveform better protection for household appliances.
- Support RS485 and CAN communication ports, support RS232, can be connected to WIFI module to check the working status of the inverter.

Model	SCAS-5.5KW-5KWH	SCAS-5.5KW-10KWH	SCAS-11KW-15KWH
Rated Power	5.5KW	5.5KW	11KW
AC Rated Voltage	230VAC		
Rated Frequency	50Hz		
Efficiency	> 98%	98%	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	100A	160A
Communication interface	RS232(Inverter)/RS485(BMS)		
Nominal Voltage	230VAC		
Voltage Range	90-280VAC		
Rated Frequency	50/60Hz		
Frequency Range	40-70Hz		
Rated Current	30A	30A	60A
Max AC Current	60A	60A	120A
Max Voltage	500V		
Optimum Voltage	300-400V		
Voltage Range	120V-500VDC		
Max Power	5500W	5500W	5500W*2
Rated Capacity	5120Wh(100Ah)	10240Wh(200Ah)	15360Wh(300Ah)
Nominal Voltage	51.2V		
Discharge Voltage Range	43.2V-58.4V		
Standard Charging Current	50A		
Max Charging Current	100A	100A	200A
Max Discharging Current	100A	100A	200A
Depth of Discharge	95%		
Communication Interface	CAN/RS485		
Cycle Life	6000,25±2 ,0.5C,EOL80%		
Working Temperature Range	Charge:0 -50 Discharge:-10 -60		
Storage Temperature	-20 -60	-10 -60	-10 -60
Dimension	73*45.2*27cm	48*84*30cm	57*78*40cm