

Rack-mounted hybrid inverter

Rack-mountable body
free up space

SC HR 5500-48 PLUS



Solar
Power



PC



TV



Fridge



Electric
fan



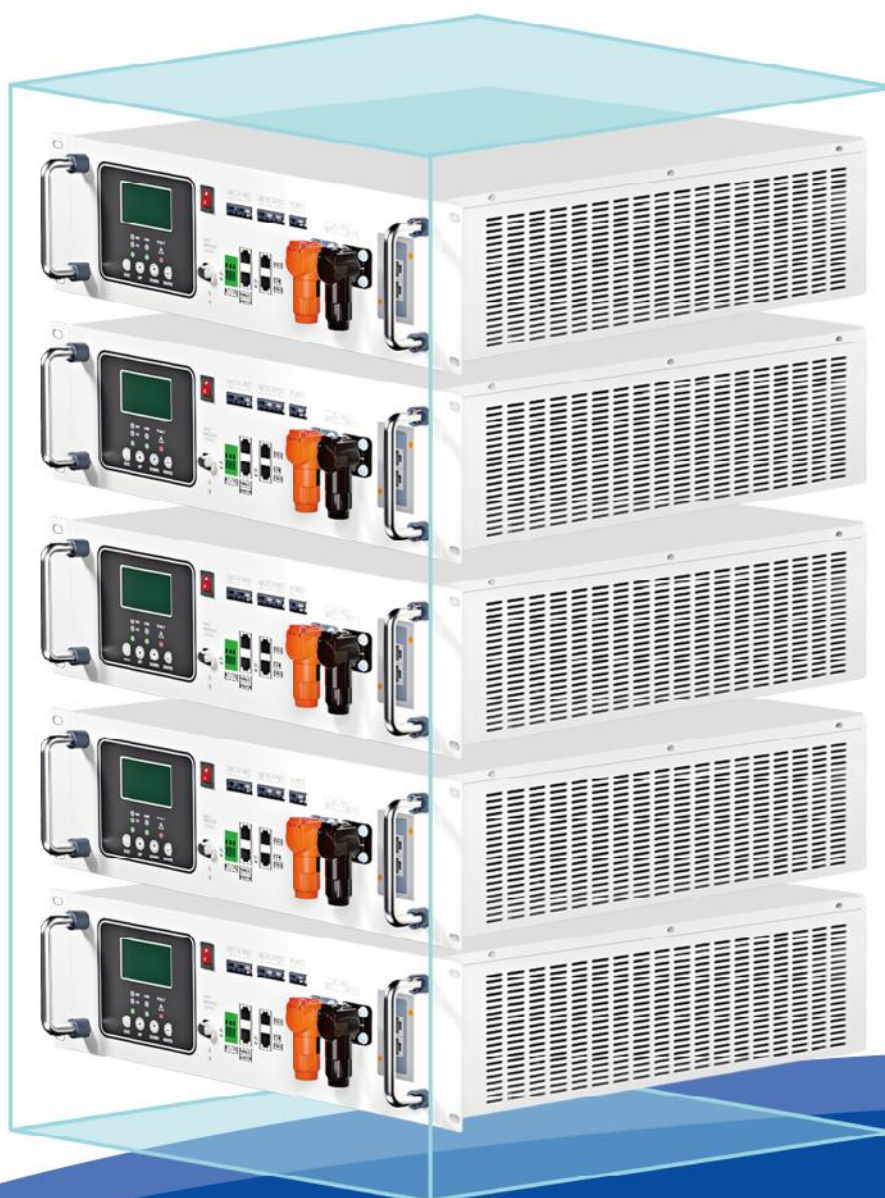
DVD



AC



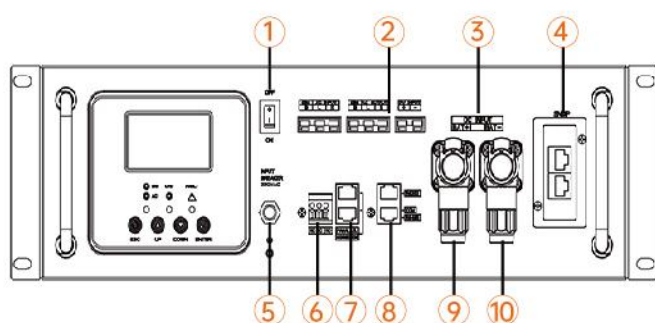
FM
Radio



Modular design and flexible expansion

Flexible installation configuration

- Mppt charger, support 100A charger.
- Support multi-mode, single/three-phase parallel operation, support grid connection mode.
- Support intelligent lithium battery charge and discharge management.



- | | |
|-------------------------|-------------------|
| ① on/off | ⑥ DRY contact |
| ② RS232 interface | ⑦ Parallel port |
| ③ AC input | ⑧ RS485 interface |
| ④ SNMP(Optional) | ⑨ BAT+ |
| ⑤ Input circuit breaker | ⑩ BAT- |

Specifications

Technical Parameters

Model	SC HR 5500-48 PLUS
Rated Power	5500VA/5500W

input and output parameters

Voltage	230V AC
Optional Voltage Range	170-280VAC (personal computer) 90-280VAC (household appliances)
Frequency Range	50Hz/60Hz (adaptive)
AC stabilized voltage	230V AC±5%
Surge Power	11000VA
Peak efficiency	93.5%
Switching time	10ms(For PC) 20ms(For Home Appliances)
Waveform	Pure Sine Wave

Battery parameters

Battery voltage	48V DC
Float voltage	54V DC
Overcharge protection	60V DC

Photovoltaic Charging & AC Charging

Maximum photovoltaic power	5500W
Maximum PV open circuit voltage	500V DC
MPPT Range & Working Voltage	120~450V DC
Maximum Solar Charging Current	100A
Maximum AC charging current	60A
Solar Charger Type	MPPT

General parameters

Product size(mm)	482*387.5*132.5
Package size(mm)	500*500*232
Net Weight(kg)	12.5
Communication Interface	RS232/RS485CAN/SNMP/ Dry contact
Relative Humidity	5%to95%
Operating Temperature	-10°C to 50°C
Storage Temperature	15°C to 60°C