

IP65 Hybrid inverter

Support three-phase mode,
support grid connection mode

SC HZ 6000-48



IP65 waterproof Adapt to outdoor use

Not afraid of wind and rain,
waterproof and dustproof

- Single-phase hybrid solar inverter
- Convenient parallel expansion, high consistency of current sharing
- Support lithium battery charge and discharge management



Maximum efficiency 93.6%



Overprovision by 2 times



AC and DC secondary lightning protection



OLED display intelligent diagnosis



Flexible online monitoring

Specifications

Technical Parameters

Model	SC HZ-6000-48
Rated Power	6000VA/6000W

Input and output parameters

Voltage	230V AC
Optional Voltage Range	170-280VAC (personal computer) 90-280VAC (household appliances)
Frequency Range	50Hz/60Hz (adaptive)
AC Voltage Regulation	230V AC±5%
Surge Power	11000VA
Efficiency(Peak)	93.5%
Transfer Time	10ms(For PC); 20ms(For Home Appliances)
Waveform	PureSine Wave

Battery parameters

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

Photovoltaic Charging & AC Charging

Maximum photovoltaic power	6000W
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)	358*509.8*180.7
Package size(mm)	456*606.8*295.7
Net Weight(kg)	26.5
Communication Interface	RS232/RS485CAN/ Dry contact
Relative Humidity	5%to95%
Operating Temperature	-10°C to 50°C
Storage Temperature	-15°C to 60°C