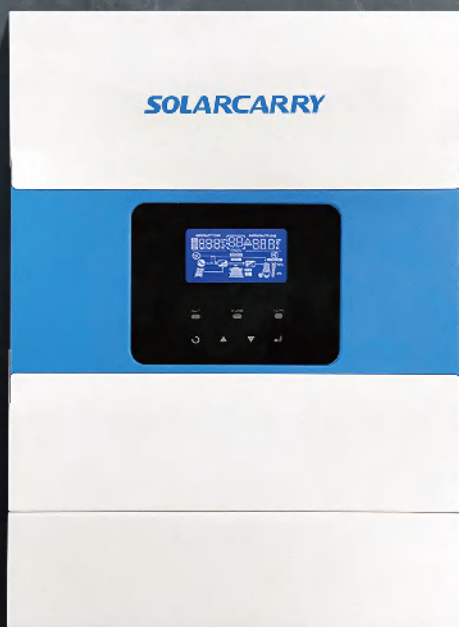


Home hybrid inverter

Single phase hybrid solar inverter

SC HFK 5500-48



Solar Power



PC



TV



Fridge



Electric fan



DVD



AC



FM Radio



Smart touch Technology has changed life

Easy to install and maintain

- Single-phase hybrid solar inverter.
- Support lithium battery charging and discharging management.
- Optional Wifi module, support remote App monitoring



Support lithium
battery adaptive



Overprovision
by 2 times



OLED display
intelligent diagnosis



Easy operation
with touch buttons



Flexible online
monitoring

Specifications

Technical Parameters

Model	SC HFK 5500-48
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)
Wave form	Pure Sine Wave

Battery parameters

Battery type	Lead acid + Lithium battery
Battery voltage range	42-60V
Charging curve	Three-Stage
Lithium battery-charging strategy	Adaptive to lithium battery

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

General parameters

Product size(mm)	302*490*120
Package size(mm)	346*536*178
Net weight(kg)	9.7
Communication Interface	RS232/RS485/CAN /Drycontact
Relative Humidity	5%to95%
Operating Temperature	-10°C to 50°C
Storage Temperature	-15°C to 60°C