

Home hybrid inverter

Single phase hybrid solar inverter

SC HFK 3500-24



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 3500-24
Rated power	3500VA/3500W

Input parameters

Voltage	230V AC
Optional voltage Range	170-280VAC (personal computer) 90-280VAC (household appliances)
Frequency Range	50Hz/60Hz (adaptive)

Output parameters

AC stabilized voltage	230V AC±5%
Surge power	7000VA
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	21-33 V
Charging curve	Three-Stage
Lithium battery-chargingstrategy	Adaptive to lithium battery

Photovoltaic Charging & AC Charging

Maximum photovoltaic power	3500W
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)	8.44
Communication Interface	RS232/RS485CAN /Drycontact
Relative humidity	5%to95%
Operating temperature	-10°C to 50°C
Storage temperature	-15°C to 60°C