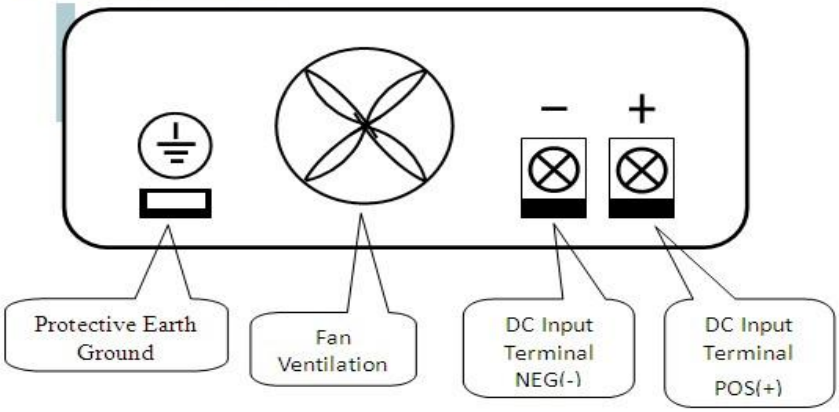
600W
Pure Sine Wave Inverter

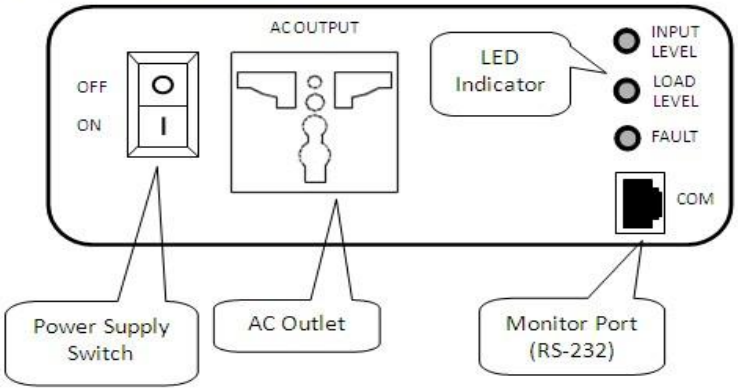
Model	DC Input	AC Output
SHI600/12-220	12VDC	220V/50HZ±5%
SHI600/24-220	24VDC	220V/50HZ±5%

- Powerful DSP digital and intelligent design
- Wide DC input voltage range
- Pure sine wave output with high efficiency and stability
- Excellent EMC design
- Low output harmonic distortion（THD≤3%）
- Two on-off control mode: local main switch and remote control switch
- LED indicators for input voltage range, load power range, normal output & failure state
- Load short-circuit, overload, input voltage under/over and over-temperature protections and alarms, inverter’s inner fault protections.
- RS-232 communication interface connecting with PC or other control and monitor device.
- Fitted for many kinds of AC loads such as household appliances, electric tools and industrial devices

- DC Input Panel



- AC Output Panel



Our Advantage：

★Sophisticated R&D has over 20 years research experience's and works in close collaboration with Beihang University.

★ Professional technical and service team

★ Using world top class electronic components; all the components are industrial grade

★ High quality products with reasonable price; the failure rate is less than 2 per1000 pcs

★ Practical application in more than 120 countries

★ Expected 10 years lifetime

★ 2 years warranty

DC Input

Model	SHI600/12-220	SHI600/24-220
Input rated voltage	12V	24V
Input voltage range	10.8V~16V	21.6V~32V
No-Load Current	1200mA	600mA

AC Output

Output Voltage	220V ±5%
Rated Power	600VA
Maximum Short Time Power	900VA,5 Second
Surge Power	1200VA,1.5 Second
Output Mode	Single phase
Frequency	50Hz ±2%
Load Power Factor	COSθ-90 ° ~ COSθ+90 °
Output Waveform Distortion	THD ≤ 3%
Efficiency at Rated Power	≥90%

Alarms

Alarms	Status
Buzzer Sounds	Overload or Short circuit, Output Off
	Over or Low input voltage, Output Off
	Over temperature, Output Off
	Inverter Fault, Output Off

Working Environment

Working Temperature	-20℃~+55℃
Storage temperature	-25℃~ +60℃
Altitude	< 5000 m
Relative Humidity	< 90%（non-condensation）

Mechanical Dimension