

## **Huizhou Yinghua Electronic Co.,Ltd**

Established in 2001,Huizhou Yinghua Electronic Co.,LTD is a professional manufacturer and solution provider of high-quality automatic voltage stabilizer ranging from 500VA to 60KVA,solar integrated inverters and UPS ranging from 500VA to 10KVA,solar power system ranging from 300W to 5000W,transformers and converters,with brand name of "Powerhero" and "Ipower".

### **Why us?**

1. We have been a pioneer of technology in CN.We explored the key technology of aluminum transformer production and became the first aluminum transformer supplier.
2. ISO & CE certified.
3. 10+ years experience.
4. A mighty R&D team.
5. Over 200 well-trained workers.
6. Customized products to meet different clients' need and various products.
7. Complete range of high-quality products including AVR/Inverter/UPS/Solar Inverter/Transformer.
8. 19,000 m<sup>2</sup> factory with well-equipped facilities to produce better products.

### **Factory Photo**



# Low-voltage High-power Pure Sinewave Inverter



## Product Description

SME Series pure sine wave inverter provides pure sine wave power for commercial, household and industrial applications. Capacity availability range from 500VA to 5000VA, it can power most common electrical appliances in these fields. Unique toroidal transformer technology, make our UPS (inverter) a very low exciting current which is the best application for solar system. Its individual AVR function make your appliance work very smooth even if mains power is not stable.

## Product Feature

Powerful 300% surge power

1. Big charging current, 3 stage battery charger
2. A true sine wave with very low harmonic distortion

- 3.True C.R.G.O toroidal transformer ,lower static loss, more energy-saving
- 4.32-bit high speed MCU control with accurate detection.

Model	SME1000	SME1200	SME1400	SME1600	SME2100	SME2400	SME3000	SME3500
Rated Power	1000W	1200W	1400W	1600W	2100W	2400W	3000W	3500W
Surge Protection Power	3000W	3600W	4200W	4800W	6300W	7200W	9000W	10500W
NO-LOADING Current (DC mode)	<2.5A							
Transformer	C.R.G.O							
Interface	LED graphic							
Display Status	working & loading & battery							
Input	Voltage	140~275 Vac						
	Frequency	45~65 Hz						
Output	Voltage	220Vac ±1% for inverter; 220Vac ±8% for regulator						
	Frequency	50/60 Hz ± 0.5Hz, subject to the main						
	Wave form	Pure sinve wave						
	Wave distortion	≤ 3%						
Protection	Overload,High temperature,Output high/low voltage,Battery low voltage,Short circuit,Over-charge, over-discharge							
Transfer Time	≤ 6ms							
Battery Voltage	12V DC	12V DC	12V DC	12V DC	24V DC	24V DC	24V DC	24V DC
Charge Voltage	13.8V±0.5V	13.8V±0.5V	13.8V±0.5V	13.8V±0.5V	27.6V±0.5V	27.6V±0.5V	27.6V±0.5V	27.6V±0.5V
Low Battery Voltage Limit	11V ±0.5V	11V ±0.5V	11V ±0.5V	11V ±0.5V	22V ±1V	22V ±1V	22V ±1V	22V ±1V
Battery Low Voltage Protection Point	10.5V ±0.5V	10.5V ±0.5V	10.5V ±0.5V	10.5V ±0.5V	21V ±1V	21V ±1V	21V ±1V	21V ±1V
Charge Current	20A /40A selectable							
Charge Mode	3-stage: bulk, boost, float							
Cooling system	Yes							
Environmental	Operating temperature	0 - 40 °C						
	Relative humidity	10%~90% RH, non-condensing						
	Storage temperature	- 15 - 45 °C						
Packing	Machine Size(mm)	507*330*275						
	Qty/Ctn	1						
	Carton Size (mm)	580*345*290						

### MOQ:

30 units

### Payment

30% T/T in advance, 70% before shipment.

Sample in 100% T/T.

### Warranty

12 months

### After-sales service

Each order has 3 engineers to provide technical support.

And one customer service representative to follow up the order.  
Must response within 12 hours

**Note:**

For more informations, please contact [info@gdyhdz.com](mailto:info@gdyhdz.com)