

### Features:

- Pure sine wave output.
- Power ON/ OFF Switch
- Remote controller RS485 Connector
- Input & Output fully isolation
- Temperature controlled cooling fan.
- Built in advance microprocessor to provide friendly interface
- Input protection: Reverse Polarity (Fuse) / Under Voltage / Over Voltage
- Output protection: Short Circuit / Overload / Over Temperature
- E13/CE/RoHs approved



| MODEL            |   | HK1500P-112   | HK1500P-124   | HK1500P-212         | HK1500P-224   |
|------------------|---|---|---------------|---------------------|---------------|
| Output           | AC Voltage  | 100/110/115/120VAC  |               | 200/ 220/230/240VAC |               |
|                  | AC Regulation   | ±10%  |               |                     |               |
|                  | Rated Power   | 1500Watt  |               |                     |               |
|                  | Surge Power (1 sec)   | 3000Watt  |               |                     |               |
|                  | Output Wave form  | Pure Sine Wave (THD<5%@Normal Load)   |               |                     |               |
|                  | Frequency   | 50/60Hz ±1 setting by factory   |               |                     |               |
| Input            | DC Voltage  | 12VDC   | 24VDC         | 12VDC               | 24VDC         |
|                  | Voltage Range   | 10.5-16VDC  | 21.0-32.0VDC  | 10.5-16VDC          | 21.0-32.0VDC  |
|                  | NO Load Current   | ≤0.63A  | ≤0.31A        | ≤0.63A              | ≤0.31A        |
|                  | Efficiency (Min.)   | 89%   | 89%           | 89%                 | 89%           |
|                  | Fuse  | 45A×4   | 45A×2         | 45A×4               | 45A×2         |
| Protection       | Input Under-Voltage Protection  | 10.5VDC ±0.2  | 21.0 VDC ±0.5 | 10.5VDC ±0.2        | 21.0 VDC ±0.5 |
|                  | Input Under -Voltage Recovery   | 12.5VDC ±0.2  | 25.0 VDC ±0.5 | 12.5VDC ±0.2        | 25.0 VDC ±0.5 |
|                  | Input Over- Voltage Protection  | 16VDC ±0.2  | 32.0 VDC ±0.5 | 16VDC ±0.2          | 32.0 VDC ±0.5 |
|                  | Input Over -Voltage Recovery  | 15.8VDC ±0.2  | 31.6VDC±0.5   | 15.8VDC ±0.2        | 31.6VDC±0.5   |
|                  | Over Temperature  | Shutdown output voltage. restart to recover   |               |                     |               |
|                  | Output Short  | Shutdown output voltage, restart to recover   |               |                     |               |
|                  | Over Temperature  | Heat sink temperature over 75°C±2°C shutdown output voltage   |               |                     |               |
|                  | DC Input Reverse Polarity   | By fuse or By Mosfet  |               |                     |               |
| Environment      | Operating Temp.   | 0~ +40°C; 60°C @70% power load  |               |                     |               |
|                  | Storage Temp  | 0°C-+70°C   |               |                     |               |
|                  | Storage Temp.&Humidity  | 10-95%RH  |               |                     |               |
| Control & Signal | Accessory (Optional)  | remote Control  |               |                     |               |
|                  | LCD Display   | Input voltage/output wattage/temperature/output voltage/cooling/ work status                        |               |                     |               |
|                  | Remote Control Terminal   | R485  |               |                     |               |
| Others           | Dimension (W×H×D)   | 279×252×88mm  |               |                     |               |
|                  | Product Weight  | 4.8kgs  |               |                     |               |
|                  | Packing   | Per product 5.5 kg; Per Carton 2 pcs/10.9kg   |               |                     |               |
|                  | Cooling   | Temperature cooling fan   |               |                     |               |
|                  | Application   | home and office appliances, portable power equipment, vehicle, yacht and off-grid Solar system,ect. |               |                     |               |
| Note             | 1. Value test by input voltage at 12.8V/25.6V/50.4V; 2. All the parameters are measured at rated load , 25 of ambient temperature; 3. the specifications are subject to change without prior notice for further improvement of products . |   |               |                     |               |

### ■ Mechanical Drawings:(279×252×88mm)

MODEL:HK1500P

