

### 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		HK500P-112	HK500P-124	HK500P-212	HK500P-224
Output	AC Voltage	100/110/115/120VAC		200/ 220/230/240VAC	
	AC Regulation	±10%			
	Rated Power	500Watt			
	Surge Power (1 sec)	1000Watt			
	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	≤0.42A	≤0.21A	≤0.42A	≤0.21A
	Efficiency (Min.)	89%	89%	89%	89%
	Fuse	45A×2	45A×1	45A×2	45A×1
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)	259×182×87mm			
	Product Weight	2.3kgs			
	Packing	Per product 2.8 kg; Per Carton 6 pcs/16.8kg			
	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:(259×182×87mm)

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