

Features:

- Pure sine wave output (THD<5%)
- POWER ON/OFF Switch
- High Efficiency Up to 92%
- Built-in ATS and AC circuit breaker
- Transfer time less than 16ms
- USB:5V/2.1A / Type-C:Max 35W
- RS-485 communication
- Input & Output fully isolation
- Input Protection: Reverse Polarity (Fuse) / Under Voltage / Over Voltage
- Output Protection: Short Circuit / Overload / Over Temperature / Over Voltage



MODEL		HK500PT-112		HK500PT-124		HK500PT-212		HK500PT-224	
Output	Rating Power	500 Watt							
	Peak Power (Max.2 sec.)	1000 Watt							
	Waveform	Pure Sine Wave							
	Efficiency (Min.)	89%							
	Output Voltage (@rated VDC)	100 / 110 / 115 / 120VAC ±10%				200 / 220 / 230 / 240VAC ±10%			
	Output Frequency	50 / 60HZ ±1							
	Total Harmonic Distortion(THD)	<5%				<5%			
Output	DC Voltage	12VDC		24VDC		12VDC		24VDC	
	Voltage Range	10.0~16.0VDC		20.0~32.0VDC		10.0~16.0VDC		20.0~32.0VDC	
	No load Power Consumption	@12.8VDC		@25.6VDC		@12.8VDC		@25.6VDC	
	On Mode @ No Load Mode	<0.4A		<0.2A		<0.4A		<0.2A	
	Fuse	45A×2		45A×1		45A×2		45A×1	
AC Input	AC Range	100 / 110 / 115 / 120VAC ±10%				200 / 220 / 230 / 240VAC ±10%			
	Frequency Factory Setting	50 / 60 HZ							
	Transfer Switch	Standard ATS : Inverter to utility AC : 8~10ms.; Utility AC to inverter : 16~25ms.							
Protection	BAT.Low Alarm ±0.2V	10.8VDC		21.6VDC		10.8VDC		21.6VDC	
	BAT.Low Shut-down ±0.2V	10.0VDC		20.0VDC		10.0VDC		20.0VDC	
	BAT.Low Restart ±0.2V	12.5VDC		25.0VDC		12.5VDC		25.0VDC	
	BAT.High Shut-down ±0.2V	16VDC		32VDC		16VDC		32VDC	
	BAT.High Restart ±0.2	15.8VDC		31.6VDC		15.8VDC		31.6VDC	
	Input Protection	Reverse Polarity (Fuse) / Under Voltage / Over Voltage Protection / AC over current (Breaker)							
	Output Protection	Short Circuit / Overload / Over Temperature / Over Voltage							
Environment	Working Temp.	0~+60°C							
	Storage Temp.	0~+70°C							
	Relative Humidity	Max. 90%, non-condensing							
Safety & EMC	Safety Standards	EN62109-1:2010, EN 62109-2:2011							
	EMC Standards	EN 55032:2015+A1:2020;EN 55035:2017+A11:2020;EN IEC 61000-3-2:2019+A1:2021							
		EN 61000-3-3:2013+A1:2019+A2:2021							
	E-mark	ECE-R10							
Control & Signal	LCD Display	Input voltage/output wattage/temerature/output voltage/cooling/ work status							
	Remote control	RS485							
Others	Dimension (W×H×D)	259×182×87 mm							
	Weight	2.63KG							
	Cooling	Thermal control fan							
	Communication Port	RS-485 (RJ-11 type connector)							
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)

MODEL:HK500PT

