

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		HK1000PT-112	HK1000PT-124	HK1000PT-212	HK1000PT-224
Output	Rating Power	1000 Watt			
	Peak Power (Max.2 sec.)	2000 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	<0.42A	<0.21A	<0.42A	<0.21A
	Fuse	45A×3	45A×2	45A×3	45A×2
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)	309×182×87 mm			
	Weight	3.38KG			
	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:(309×182×87 mm)

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