

■ Features:

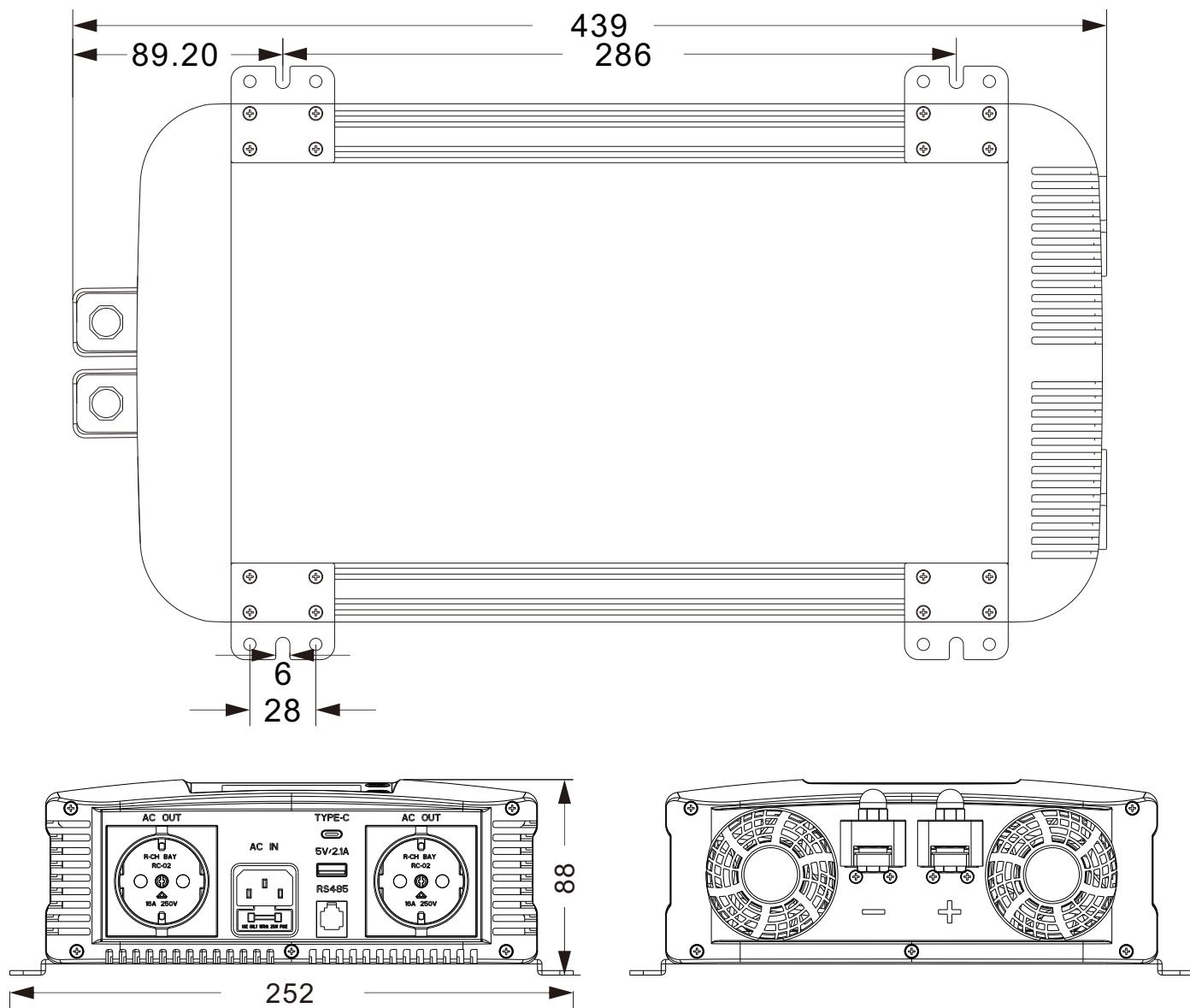
- Pure sine wave output (THD<5%)
- POWER ON/OFF Switch
- High Efficiency Up to 92%
- Built-in ATS and AC circuit breaker
- Transfer time less than 16ms
- USB:5V /2.1A / Type-C:Max 35W
- RS-485 communication
- Input & Output fully isolation
- Input Protection: Reverse Polarity (Fuse) / Under Voltage /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



MODEL		HKC2000P-112	HKC2000P-124	HKC2000P-212	HKC2000P-224		
Inverter Mode							
Input	Normal Voltage	12VDC	24VDC	12VDC	24VDC		
	Input Voltage Range ($\pm 0.5V$)	10.8~16VDC	21.6~32.0VDC	10.8~16VDC	21.6~32.0VDC		
	Input Over-Voltage Protection ($\pm 0.5V$)	16VDC	32VDC	16VDC	32VDC		
	Input Under-Voltage Protection ($\pm 0.5V$)	10VDC	20VDC	10VDC	20VDC		
	Input Under-Voltage Warning ($\pm 0.5V$)	10.8VDC	21.6VDC	10.8VDC	21.6VDC		
	No Load Current	< 0.63A	< 0.32A	< 0.63A	< 0.32A		
Output	Continuous Output Power	2000W $\pm 5\%$					
	Surge Power	Load 4000W (2 Sec)					
	Frequency	50 / 60Hz $\pm 1\text{Hz}$ (setting by factory)					
	Output Voltage	100 / 110 / 115 / 120VAC $\pm 10\%$		200 / 220 / 230 / 240VAC $\pm 10\%$			
	Min. Efficiency (Full Load)	89%	89%	89%	89%		
	Output Waveform	Pure Sine Wave (THD < 5%)					
Protection	Input Protection	Over / Under Voltage, Reverse Polarity (Internal Fuse)					
	AC Output Protection	Short-Circuit, Overload					
	AC Input Protection	30 Amp Circuit Breaker		16 Amp Circuit Breaker			
	Temperature protection	Shutdown					
Charger Mode							
AC input	Nominal Voltage / Frequency	110VAC, 50 / 60Hz (setting by factory)		230VAC, 50 / 60Hz (setting by factory)			
	Input Voltage Range	90~130VAC		180~260VAC			
	Input Frequency Range	50Hz: 47~53Hz / 60Hz: 57~63 Hz					
	Efficiency (Max.)	> 88%					
	Power Factor Correction (PFC)	> 0.95 (Max.)					
DC Output	Charging Current Range	Max.10A	Max.5A	Max.10A	Max.5A		
	Max. Output Voltage	14.4VDC	28.8VDC	Max.14.4VDC	Max.28.8CDC		
	Battery Control (3-stage Battery Chargers)	Bulk / Absorption / Float					
Signal and Control	Remote Control Panel (Optional)	LCD display					
	Remote Control Terminal	RS485					
	LCD display	voltage, wattage					
	Relay Specification	30 Amp / 120VAC @ 110V system		16 Amp / 250VAC @ 230V system			
Environment							
Temperature Range	Full Load	0~ +40°C; 60°C @70% power load					
	Storage	0°C~70°C					
Humidity Range		Max 93%, Non-condensing					
Cooling		Temperature & Load Controlled Cooling Fan					
Others	Dimension (W×H×D)	439×252×88mmmm					
	Weight	6.2KG					
	Communication Port	RS-485 (RJ-11 type connector), Ethernet (optional)					

■ Mechanical Drawings:(439×252×88mm)

MODEL:HKC2000P



■ Charging Curve

