

300W Pure Sine Wave Inverter/Charger KPC300 series




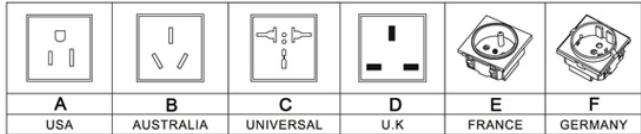
Overview

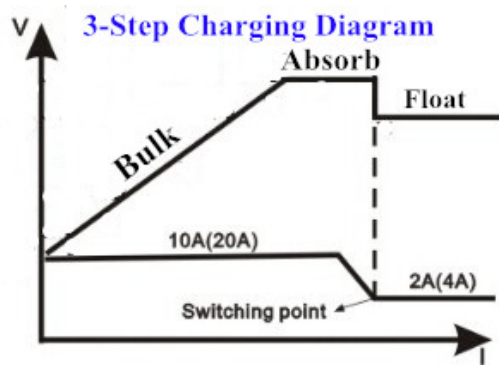
The KPC300 series Inverter/Charger offers a complete power conversion system—DC to AC, battery charging, and an AC Transfer Switch—and can be used for stand-alone or back-up applications.

Features&Benefits:

- Rated power:300W
- Peak power:450W for 10sec,600w for 2sec
- Pure sine wave output
- Battery charger current 10A Max
- Protection: Input reverse polarity/Bat. Low shutdown/Over voltage/Over load/Over temperature/Output short
- Variable speed fan controlled by temperature and load
- 3-Stage battery charge
- One year warranty

Specification:

Items		KPC300-112	KPC300-124	KPC300-212	KPC300-224
Inverter	AC Voltage	100V/110V/115V/120V		220V/230V/240V	
	Continuous Power	300W	300W	300W	300W
	Surge Power(10sec)	450W	450W	450W	450W
	Peak Power(2sec)	600W	600W	600W	600W
	Output Waveform/Distortion	 Pure Sine Wave, THD≤ 4%			
	Frequency	60Hz+/-1Hz		50Hz+/-1Hz	
	Efficiency	88%	89%	88%	89%
	No Load Current Draw	0.36A	0.18A	0.36A	0.18A
	DC Input Voltage	12V	24V	12V	24V
	Input Voltage Range	10.8– 15.5V	21.6– 31V	10.8– 15.5V	21.6– 31V
	Low Battery Voltage Alarm	10.8±0.2V	21.6±0.4V	10.8±0.2V	21.6±0.4V
	Low Battery Voltage Shutdown	10.2±0.2V	20.4±0.4V	10.2±0.2V	20.4±0.4V
	High Battery Voltage Shutdown	15.5±0.2V	31±0.4V	15.5±0.2V	31±0.4V
AC Output Receptacle					
Charger	Max Charging Current	10A	5A	10A	5A
	Charge Voltage(Absorb Charging)	14.6V	29.2V	14.6V	29.2V
	Charge Voltage(Float Charging)	13.8V	27.6V	13.8V	27.6V
	AC Input Voltage	90V-120V		180V-260V	
	Frequency	45Hz-65Hz			
	Charging Type	3-step charging: Bulk/Absorb/Float charging			
	Transfer time(Utility-to-Battery)	<16ms			



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