

1000W Pure Sine Wave Inverter/Charger KPC1000 series




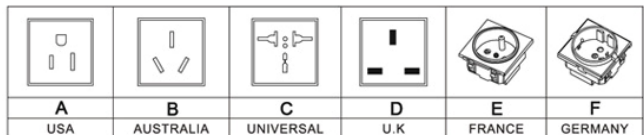
Overview

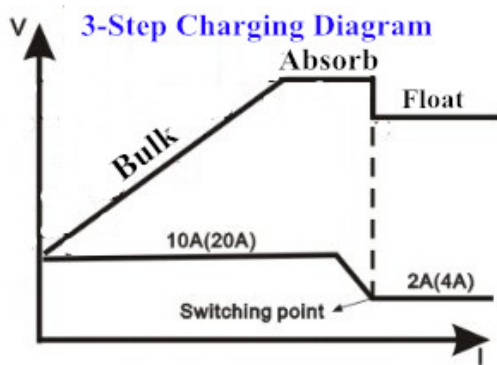
The KPC1000 series Inverter/Charger offers a complete power conversion system—DC to AC, battery charging, and an AC Transfer Switch—and can be used for stand-alone or back-up applications.

Features&Benefits:

- Rated power:600W
- Peak power:900W for 10sec,1200w 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 | | KPC1000-112 | KPC1000-124 | KPC1000-212 | KPC1000-224 |
|----------------------|--|---|-------------|----------------|-------------|
| Inverter | AC Voltage | 100V/110V/115V/120V | | 220V/230V/240V | |
| | Continuous Power | 1000W | 1000W | 1000W | 1000W |
| | Surge Power(10sec) | 1500W | 1500W | 1500W | 1500W |
| | Peak Power(2sec) | 2000W | 2000W | 2000W | 2000W |
| | Output Waveform/Distortion |  Pure Sine Wave, THD≤ 4% | | | |
| | Frequency | 60Hz+/-1Hz | | 50Hz+/-1Hz | |
| | Efficiency | 88% | 89% | 88% | 89% |
| | No Load Current Draw | 0.44A | 0.22A | 0.44A | 0.22A |
| | 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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