



Features :

- A microprocessor controls self-diagnosis and operation
- Can parallel with the utility AC to generate up to 2000W
- Battery charger current 20A Max. @12VDC, @24VDC Provide 10A
- Built-in 30A rated bypass switch
- Power sharing function between charger and load
- Fan failure alarm with buzzer
- DIP switch and remote control management
- DC Input Protection: Reverse Polarity / Under Voltage / Over Voltage Protection
- AC Output Protection: Short Circuit / Overload / Over Temperature Protection

| MODEL | | KSC2000-112 | KSC2000-124 | KSC2000-212 | KSC2000-224 |
|--------------|--------------------------------|---|-----------------|-------------------------|-----------------|
| Output | Continuous Output Power | 2000W | | | |
| | Surge Power | Load 101% ~ 115% 10 Min. 4000W | | | |
| | Frequency | 50Hz/60Hz Setting by Factory | | | |
| | Output Voltage | 115VAC ~ 120VAC | | 220VAC ~ 240VAC | |
| | Efficiency Full Load | > 84% At DC 12V | > 86% At DC 24V | > 85% At DC 12V | > 88% At DC 24V |
| | Short-Circuit Protection | Yes | | | |
| | Waveform | True Sine Wave THD < 5% | | True Sine Wave THD < 5% | |
| Input | Nominal Voltage | 12VDC | 24VDC | 12VDC | 24VDC |
| | Input Voltage Range | 10.8 ~ 15.5VDC | 21.6 ~ 31VDC | 10.8 ~ 15.5VDC | 21.6 ~ 31VDC |
| | Input Over-Voltage Protection | 15.3 ~ 15.7VDC | 30.6 ~ 31.4VDC | 15.3 ~ 15.7VDC | 30.6 ~ 31.4VDC |
| | Input Under-Voltage Protection | 10 ~ 10.4VDC | 20 ~ 20.8VDC | 10 ~ 10.4VDC | 20 ~ 20.8VDC |
| | No Load Current | 0.7A | 0.35A | 0.7A | 0.35A |
| Protection | BAT. Low Alarm | 10.6~11VDC | 21.2~22VDC | 10.6~11VDC | 21.2~22VDC |
| | BAT. Low Shutdown | 10 ~ 10.4VDC | 20 ~ 20.8VDC | 10 ~ 10.4VDC | 20 ~ 20.8VDC |
| | DC Input Protection | Reverse Polarity / Under Voltage / Over Voltage Protection | | | |
| | AC Output Protection | Short Circuit / Overload / Over Temperature Protection | | | |
| | Temperature Protection | Shutdown above +75°C | | | |
| DC Output | Charging Current Range | 4 ~ 20A | 2~10A | 4 ~ 20A | 2~10A |
| | Max. Output Voltage | 14.8VDC | 29.6VDC | 14.8VDC | 29.6VDC |
| | Absorption Voltage | 14.6VDC | 29.2VDC | 14.6VDC | 29.2VDC |
| | Float Voltage | 13.8VDC | 27.6VDC | 13.8VDC | 27.6VDC |
| AC Input | Nominal Voltage / Frequency | 115VAC / 60Hz | | 230VAC / 50Hz | |
| | Input Voltage Range | 90 ~ 130VAC | | 180 ~ 260VAC | |
| | Input Frequency Range | 43 ~ 67Hz | | | |
| | Nominal Current | 20A @115VAC | | 11 A @230VAC | |
| | Efficiency Full Load | > 85% | | > 87% | |
| | Power Factor Correction | PFC> 0.98 40%Load | | | |
| Bypass Relay | Relay Specification | 30Amp | | | |
| Environment | Working Temp. | 0°C~75°C | | | |
| | Full Load | 25°C~ 35°C | | | |
| | Storage Temp. | -30°C~ 70°C | | | |
| | Working Humidity | 0 ~ 93% RH Non-condensing | | | |
| Other | Failure Indication | Buzzer alarm | | | |
| | Fan On / Off | Load and temperature control fan | | | |
| | Power Sharing Function | Inverter mode / Charger mode / Power sharing Generator mains support function / Power support / Charger Sharing | | | |
| | Dimension WxHxD | 380 x 220 x 80mm | | | |
| | Packing | 7kg; 2pcs / 14.8kg | | | |
| | Application | Home and Office appliances, Portable Power Equipment, Vehicle and Yacht etc. | | | |