**2500W Sine wave inverter**

■ Adopt advanced CPU intelligent control

■ Complete protection

■ USB interface with 5V2A

■ Customizable frequency switch

■ Customizable DC voltage range not commonly used

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| Model | | CZ-2500S | | | | |
| Input | DC voltage | 12V | 24V | 48V | 96V | 110V |
| Voltage range | 10-15.5VDC | 20-30VDC | 40-60VDC | 80-120VDC | 90-135VDC |
| No load current draw | 0.8A | 0.6A | 0.2A | 0.1 | 0.1 |
| Efficiency | > 90% | | | | |
| DC connection | Cables With Clips or Car Adaptor | | | | |
| Output | AC voltage | 100/110/120VAC or 220/230/240 VAC | | | | |
| Continuous power | 2500W | | | | |
| Surge power | 5000W | | | | |
| Waveform | Pure sine wave | | | | |
| Frequency | 50Hz or 60Hz | | | | |
| AC regulation | 3% | | | | |
| Protection | Low voltage alarm | 10.5DC±0.5V | 21DC±0.5V | 42VDC±1V | 84DC±2V | 96VDC±2V |
| Low voltage shut down | 10DC±0.5V | 20DC±0.5V | 40VDC±1V | 80DC±2V | 90VDC±2V |
| Short circuit | Shut off output automatically | | | | |
| Over load | Shut off output | | | | |
| Over voltage shut down | 15.5±1V | 30±1V | 60±2V | 120±3V | 135±3V |
| Over thermal | Shut off output automatically | | | | |
| Environment | Working temperature | -10℃ and +50℃ | | | | |
| Working humidity | 20%～90%RH | | | | |
| Storage temperature | -30℃ ～ +70℃ | | | | |
| Package | Machine size(L\*W\*H)mm | 409\*234.7\*96.5 | | | | |
| Net weight KG | 4.3 | | | | |
| Gross weight KG | 5.3 | | | | |
| Packing size mm | 510\*290\*175 | | | | |