

Model	YDZ-3000W					
Output power	3000W					
Peak power	6000W					
Input voltage	DC12V	DC24V	DC48V	DC12V	DC24V	DC48V
Output voltage	100VAC or 110VAC or 120VAC $\pm 5\%$			220VAC or 230VAC or 240VAC $\pm 5\%$		
No-load current (less-than)	1.3A	0.7A	0.3A	1.3A	0.7A	0.3A
Output frequency	50HZ $\pm 0.5$ HZ or 60HZ $\pm 0.5$ HZ					
Output wave	Pure sine wave					
Waveform Distortion	THD < 3% (linear load)					
USB	5V 1000MA					
Max. working efficiency	94.80%					
Input voltage range	9.55-15.5V	19.8-30.27V	40.2-60.4V	9.55-15.5V	19.8-30.27V	40.2-60.4V
Operating temperature range	- 10° - +50°					
Storage temperature	- 30° - +70°					
Humidity	Max. 90%, non-condensing					
Warranty	Two years					
Dimensions (W*H*D)	415*200*150mm					
Package size	455*240*200mm					
Net weight/Gross weight	7.8/8.6kg					
Starting	bipolar soft start					
Low voltage alarm	10.5 $\pm 0.5$ V	21V $\pm 0.5$ V	42V $\pm 1$ V	10.5 $\pm 0.5$ V	21V $\pm 0.5$ V	42V $\pm 1$ V
Low voltage shut down	9.5 $\pm 0.5$ V	20V $\pm 0.5$ V	40V $\pm 1$ V	9.5 $\pm 0.5$ V	20V $\pm 0.5$ V	40V $\pm 1$ V
Low voltage recovery	13 $\pm 0.5$ V	24V $\pm 0.5$ V	48V $\pm 1$ V	13 $\pm 0.5$ V	24V $\pm 0.5$ V	48V $\pm 1$ V
Over voltage shut down	15.5 $\pm 0.5$ V	31V $\pm 0.5$ V	61V $\pm 1$ V	15.5 $\pm 0.5$ V	31V $\pm 0.5$ V	61V $\pm 1$ V
Over voltage recovery	14.8 $\pm 0.5$ V	29.5V $\pm 0.5$ V	59V $\pm 1$ V	14.8 $\pm 0.5$ V	29.5 $\pm 0.5$ V	59V $\pm 1$ V
LED Lights	Blue indicator light (inverter output, normal operation); the red indicator flashes (under / over voltage, overload, temperature, short circuit)					
Protection	Battery over under / over voltage, overload, temperature, AC short circuit protection (positive and negative polarity protection)					
Fuse	DC short circuit protection					
Display	LED high-definition digital display					
Circuit Topology	Frequency link					
Cooling way	Intelligent cooling, built-in cooling block					