

Model	YDZ-2500W					
Output power	2500W					
Peak power	5000W					
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)	1.6A	0.8A	0.4A	1.6A	0.8A	0.4A
Output frequency	50HZ ± 0.5 HZ or 60HZ ± 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 $^{\circ}$ - +50 $^{\circ}$					
Storage temperature	-30 $^{\circ}$ - +70 $^{\circ}$					
Humidity	Max. 90%, non-condensing					
Warranty	Two years					
Dimensions (W*H*D)	415*165*82mm					
Package size	455*200*130mm					
Net weight/Gross weight	5.6/6.1kg					
Starting	bipolar soft start					
Low voltage alarm	10.5 ± 0.5 V	21V ± 0.5 V	42V ± 1 V	10.5 ± 0.5 V	21V ± 0.5 V	42V ± 1 V
Low voltage shut down	9.5 ± 0.5 V	20V ± 0.5 V	40V ± 1 V	9.5 ± 0.5 V	20V ± 0.5 V	40V ± 1 V
Low voltage recovery	13 ± 0.5 V	24V ± 0.5 V	48V ± 1 V	13 ± 0.5 V	24V ± 0.5 V	48V ± 1 V
Over voltage shut down	15.5 ± 0.5 V	31V ± 0.5 V	61V ± 1 V	15.5 ± 0.5 V	31V ± 0.5 V	61V ± 1 V
Over voltage recovery	14.8 ± 0.5 V	29.5V ± 0.5 V	59V ± 1 V	14.8 ± 0.5 V	29.5 ± 0.5 V	59V ± 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					