

Model	YDZ-500W					
Output power	500W					
Peak power	1000W					
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)	0.6A	0.3A	0.15A	0.6A	0.3A	0.15A
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° - +50°					
Storage temperature	- 30° - +70°					
Humidity	Max. 90%, non-condensing					
Warranty	Two years					
Dimensions (W*H*D)	260*150*75mm					
Package size	290*190*120mm					
Net weight/Gross weight	1.8/1.96kg					
Starting	bipolar soft start					
Low voltage alarm	10.5 \pm 0.5V	21V \pm 0.5V	42V \pm 1V	10.5 \pm 0.5V	21V \pm 0.5V	42V \pm 1V
Low voltage shut down	9.5 \pm 0.5V	20V \pm 0.5V	40V \pm 1V	9.5 \pm 0.5V	20V \pm 0.5V	40V \pm 1V
Low voltage recovery	13 \pm 0.5V	24V \pm 0.5V	48V \pm 1V	13 \pm 0.5V	24V \pm 0.5V	48V \pm 1V
Over voltage shut down	15.5 \pm 0.5V	31V \pm 0.5V	61V \pm 1V	15.5 \pm 0.5V	31V \pm 0.5V	61V \pm 1V
Over voltage recovery	14.8 \pm 0.5V	29.5V \pm 0.5V	59V \pm 1V	14.8 \pm 0.5V	29.5 \pm 0.5V	59V \pm 1V
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					