

Model	YDZ-6000W			
Output power	6000W			
Peak power	12000W			
Input voltage	DC24V	DC48V	DC24V	DC48V
Output voltage	100VAC or 110VAC or 120VAC $\pm 5\%$		220VAC or 230VAC or 240VAC $\pm 5\%$	
No-load current (less-than)	1.5A	0.5A	1.5A	0.5A
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	19.8-30.27V	40.2-60.4V	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)	585*220*150mm			
Package size	620*250*200mm			
Net weight/Gross weight	11.8/12.7kg			
Starting	bipolar soft start			
Low voltage alarm	21V ± 0.5 V	42V ± 1 V	21V ± 0.5 V	42V ± 1 V
Low voltage shut down	20V ± 0.5 V	40V ± 1 V	20V ± 0.5 V	40V ± 1 V
Low voltage recovery	24V ± 0.5 V	48V ± 1 V	24V ± 0.5 V	48V ± 1 V
Over voltage shut down	31V ± 0.5 V	61V ± 1 V	31V ± 0.5 V	61V ± 1 V
Over voltage recovery	29.5V ± 0.5 V	59V ± 1 V	29.5V ± 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			