



DERAX Pure SineWave Inverter 500W



Positive terminal (red) / negative terminal (black)

- ① Pure copper terminal (input port);
② The terminal is protected by a terminal cover to prevent accidental contact by children or adults to ensure personal safety.



Output panel

Safety socket

AC output.

Indicator light

Green light work/Red light error.



USB charging port

1A/5V output

Power switch

ON/OFF

AC SOCKET TYPE



Pure Sine Wave Inverter

Rated Power:	500W	Frequency:	50Hz / 60Hz
Peak Power:	1000W	Unit Size:	250*150*80mm
Waveform:	Pure Sine Wave	Unit Weight / G.W.:	1740g / 2020g
DC Input Voltage:	12V / 24V	Box Size:	490*290*300mm
AC output Voltage:	110V / 220V	Quantity/CTN:	6PCS

Model	OPIP-0500-1	OPIP-0500-1	OPIP-0500-1	OPIP-0500-2	OPIP-0500-2	OPIP-0500-2
Rated power	500W					
Peak power	1000W					
Input voltage	DC12V	DC24V	DC48V	DC12V	DC24V	DC48V
Output voltage	100VAC or 110VAC or 120VAC±5%			220VAC or 230VAC or 240VAC±5%		
Unload current less than	0.6A	0.4A	0.3A	0.6A	0.4A	0.3A
Output frequency	50Hz±0.5Hz or 60Hz±0.5Hz					
Output waveform	Pure Sine Wave					
Waveform distortion	THD<3%(Linear load)					
USB port	5V 1A					
Max.efficiency	90%					
Input voltage range	10-15.5V	20-31V	40-61V	10-15.5V	20-31V	40-61V
Low voltage alarm	10.5±0.5V	21±0.5V	42±1V	10.5±0.5V	21±0.5V	42±1V
Low voltage protection	10±0.5V	20±0.5V	40±15V	10±0.5V	20±0.5V	40±15V
Over voltage protection	15.5±0.5V	31±0.5V	61±1V	15.5±0.5V	31±0.5V	61±1V
Low voltage recover	13±0.5V	24±0.5V	48±1V	13±0.5V	24±0.5V	48±1V
Over voltage recover	14.8V±0.5V	29.5V±0.5V	59V±1V	14.8V±0.5V	29.5V±0.5V	59V±1V
Protection function	Low voltage		Alarm at first, voltage continously reduce. LED Red light on & shut sown.			
	Over voltage		LED Red light on, shut down			
	Over load		LED Red light on, shut down			
	Over temperature		Alarm at first, tempurature continously rise.LED Red light on & shut sown			
	Short circuit		LED Red light on			
	Input reverse polarity		Fuse burn-out			
Working temperature	-10° - +50°					
Storage temperature	-30° - +70°					
Dimension(mm)	250x150x80mm					
Packing(mm)	280x195x100mm					
Net./gross weight(g)	1740/2020g					
QTY/Ctn	6 Pcs					
Meas./Ctn(mm)	490x290x300mm					
Gross weight/Ctn(g)	14kg					
Warranty	2 years					
Configuration	Standard					
Cooling method	Intelligent air cooling					

Note: Our products update constantly.The technical parameter is for reference only.Please refer to our real product.