



**Product Description :**

JYINS modified sine wave inverters is one of the most popular power inverter series since the beginning. We produce the power range from 200W to 5000W recently. JYINS 500W inverter It convert 12V/24VDC to 100-120V/220-240V AC, you can power for your electric appliances which rated power less 500W continuously. There is DC cable with cigarette lighter plug and the DC cable clips included in packing, you can use in your car by plug into cigarette lighter socket or directly with batteries. The optional USB output port offer one more choice for user. It can charge for some digital equipments as you want.

**Product Features:**

Anodized aluminum case provides durability & max heat dissipation

DC cigarette lighter accessory plug and heavy -duty cable clamps for high-output direct battery connections both included.

Automatic restart function

USB output port : 5V500mA (optional )

ON/OFF switch control the inverter by hand

The inverter is compact , light weight and easy to operate.

Loads can be powered directly from the AC outlets.

The inverter is equipped with numerous protection features to guarantee safe and trouble-free

**Protection Function :**

Low voltage alarm & Shutdown

Over voltage protection

Overload protection

Over temperature protection

Short circuit protection

Reverse Polarity protection

Soft start

Auto reset after being in protected

**Product parameters**

Model	JYM-500-1	JYM-500-1	JYM-500-1	JYM-500-2	JYM-500-2	JYM-500-2
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	0.3A	0.1A	0.1A	0.3A	0.1A	0.1A
Output frequency	50Hz±0.5Hz or 60Hz±0.5Hz					
Output waveform	Modified Sine Wave					
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±1.5V	10±0.5V	20±0.5V	40±1.5V
Over voltage protection	15.5±0.5V	31±0.5V	61±1V	15.5±0.5V	31±0.5V	61±1V
Low voltage recover	12.3±0.5V	24±0.5V	48±1V	12.3±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 continuously 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, temperature continuously 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)	225x112x67mm					
Packing(mm)	280x170x105mm					
Net./gross weight(g)	1000/1350g					
QTY/Ctn	20Pcs					
Meas./Ctn(mm)	630x535x335mm					
Gross weight/Ctn(g)	27000g					
Warranty	1 years					
Configuration	Standard					
Cooling method	Intelligent air cooling					

