



## Pure Sine Wave Inverter ASR-12150/24150/48150/60150



### PRODUCT CHARACTERISTICS

With multi-Funtional LCD display,including overtemperature protection,input overvoltage protection,input low voltage protection,output overload protection,output short circuit proection, when Input reverse polarity occur the blown fuse,with malfunction alert buzzer .

High conversion efficiency and start fast, surface powder coating treatment, good friction resistance, and can resist a certain external force of extrusion or collision;

With strong load adaptability and stability.

Wide Temperature Range• High Safety• Pure Sine Wave• Flexible Expansion

## Features and Advantages



**Wide Temperature Range**  
Range of -5 to 40 °C



**Pure Sine Wave**  
Power 1500W



**Expandable**  
Higher Capacity available



**High Safety**  
With functional protection



**Cooling Fan**  
Instant heat dissipation



**Easy to operate**  
Save time and effort

# Technical Parameters

Model		Pure Sine Wave Inverter ASR-12150/24150/48150/60150
<b>OutPut</b>		
Nominal Output Power		1500W
Max Power		1550W
Peak Power		3000W
AC Output Voltage Accuracy		±10V
AC Output Current(220V)		6.8A
WaveForm		pure sine wave
Output Frequency		50Hz/60Hz
Nominal output Voltage		110V/240V
AC Output Over Current(220V)	12V	≥7A
	24V	≥7A
	48V	≥7A
	60V	≥7A
Max Efficiency	12V	85%
	24V	90%
	48V	90%
	60V	90%
<b>InPut</b>		
Voltage Range	12V	10-15V
	24V	20-30V
	48V	40-60V
	60V	50-72V
DC Input Current	12V	143.7A
	24V	68.7A
	48V	34.3A
	60V	27.5A
No load Current Draws	12V	<0.4A
	24V	<0.3A
	48V	<0.12A
	60V	<0.12A
Power Consumption	12V	≤6W
	24V	≤5W
	48V	≤5W
	60V	≤5W
<b>Protection Function</b>		
Input reverse polarity protection		integrated/blown fuse
Short Circuit Protection		integrated//blown fuse
power protection		≥1600W
over temperature		integrated (cooling fin 85℃)
malfunction alert		buzzer integrated
over voltage protection	12V	15V ±0.3V
	24V	30V ± 0.3V
	48V	60V ± 0.3V
	60V	75V ± 0.3V
low voltage protection	12V	10V ± 0.3V
	24V	20V ± 0.3V
	48V	40V ± 0.3V
	60V	50V ± 0.3V

Automatic Recovery		
over voltage	12V	14V ±0.5V
	24V	28V ± 0.5V
	48V	56V ± 0.5V
	60V	70V ± 0.5V
low voltage	12V	12.6V ± 0.5V
	24V	25V ± 0.5V
	48V	41.5V ± 0.5V
	60V	40V ± 0.5V
Display&Interface		
LCD Display		input voltage/output voltage/frequency/power
LCD Display the malfunction code		overvoltage(F1) Lowvoltage(F2) overheat(F3) overload(F4) Short Circuit(F5)
USB Port		Type-C; QC3.0; 5V2.1A
General Date		
Operating Temperature Range		-5℃-40℃
Relative Humidity		0~90%
Size (L*W*H )		335*180*93MM
Weight		2.9kgs