

# MODIFIED SINE WAVE INVERTER



### Features:

- Low Standby Power, High Conversion Efficiency ◀
- L.I.T: Low Interference Technology ◀
- Universal Protection Circuit : Overload, Long life for battery , Earth Fault, Short Circuit, Over-temperature, Soft-start ◀
- Turbo Cooling : Keep the inverter surface cool and higher efficiency ◀
- High Efficiency :Wide-range high efficient circuit maximize the operating time and more energy saving ◀
- Smart Fan: Controlled by load or temperature ◀
- Smart Powerful Start ◀



The modified sine Wave Power Inverter transforms the DC power stored in batteries into AC power for consumer electronic needs, It is capable of producing cleaner, smoother, quieter and more reliable electricity to operate fans, lights, and other electronics without interference.

MODEL	SOL-J600	SOL-J1000	SOL-J1500	SOL-J2000	SOL-J1000	SOL-J1500	SOL-J2000	SOL-J3000	SOL-J4000
RATED POWER	600W	1000W	1500W	2000W	1000W	1500W	2000W	3000W	4000W
OVERLOAD	700W±50W	1150W±50W	1700W±50W	2200W±50W	1150W±50W	1700W±50W	2200W±50W	3300W±50W	4300W±50W
PEAK POWER	1200W	2000W	3000W	4000W	2000W	3000W	4000W	6000W	8000W
WAVEFORM	Modified Sine Wave								
FREQUENCY	50Hz ±2								
AC VOLTAGE(OUTPUT)	AC220V±5%								
DC VOLTAGE(INPUT)	DC12V				DC24V				
LOW VOLTAGE ALARM	DC10.5V±0.5V				DC21V±0.5V				
LOW VOLTAGE SHUTDOWN	DC10V±0.5V				DC20V±0.5V				
OVER VOLTAGE SHUTDOWN	DC15.5V±0.5V				DC31V±0.5V				
NO LOAD CURRENT DRAW	≤0.5A	≤0.8A	≤1A	≤1.5A	≤0.5A	≤0.5A	≤0.8A	≤1A	≤2A
EFFICIENCY(Typ.)	≥88%				≥91%				
DC FUSE(BUILT-IN)	40A*2	40A*4	40A*6	40A*8	30A*4	30A*6	30A*8	30A*10	30A*12
REVERSE POLARITY	By fuse open								
THERMAL METHODS	Dual cooling fans,temp.control or 30% load auto.on								
OVER TEMPERATURE	65°C								
SHORT CIRCUIT	Shut down, auto.reset								
USB	5V2.4A								
WORKING TEMPERATURE	-30°C - 50°C								
WORKING HUMIDITY	20-90%RH								
STORAGE TEMPERATURE&HUMIDITY	-30°C- 70°C,10-95%RH								
LED INDICATOR	Inverter,Fault								