

Pure Sine Wave Inverter with Charger or UPS Series



Features: ■

- Ultra-Fast Transfer Relay: Reduce transfer time between bypass mode and inverter mode, Reduce possibility of voltage drop. ◀
- 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 ◀
- Automatic 3 Stage Internal Battery Charger ◀
- U.P.S : Uninterruptible Power Source ◀
- Decide your own AC backup time by choosing different batteries! ◀



	MODEL	SOD-J600	SOD-J1000	SOD-J1500	SOD-J2000	SOD-J1000	SOD-J1500	SOD-J2000	SOD-J3000	SOD-J4000	
INVERTER PART	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	Pure 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										
CHARGER PART	MAX.CHARGING CURRENT	10A	15A			8A					
	CHARGING WAY	3 Stage(constant current,constant voltage,float charge)									
	AC INPUT VOLT RANGE	190V-265V									
	AC FUSE	8A									
BY PASS	SUITABLE BATTERY	Gel & AGM(we can offer different charge way according to differentbatteries)									
	BYPASS SWITCHING TIME	≤10 ms									
	WORKING TEMPERATURE	-30°C - 50°C									
	WORKING HUMIDITY	20-90%RH									
	STORAGE TEMPERATURE&HUMIDITY	-30°C- 70°C,10-95%RH									
	LED INDICATOR	Charger,Inverter,Fault									