

Smart Power Series



- 1000VA ~ 5000VA pure sine wave inverter
- Selectable input voltage range for home appliances or computers
- Selectable charging current
- Configurable AC/solar input priority via LCD
- Ecologically smart and user friendly
- Short circuit and overload protection
- Smart battery charger design for optimized battery performance
- LCD display indicates backup, on-line, battery status, and power status
- Auto-restart while AC is recovering
- Cold start function
- Solar charger (optional)

MODEL	INV-SP1000	INV-SP2000	INV-SP3000	INV-SP4000	INV-SP5000
Capacity	1000VA/800W	200VA/1600W	3000VA/2400W	4000VA/3200W	5000VA/4000W
INPUT					
Voltage	230 Vac				
Voltage Range (Selectable)	170 ~ 280 Vac (UPS mode) 90 ~ 280 Vac (inverter mode)				
Frequency	50 / 60 Hz (auto sensing)				
OUTPUT					
Voltage Regulation (Batt. Mode)	230 Vac ± 15%				
Frequency	50 / 60 Hz				
Transfer Time	10 ms (typical)				
Efficiency (Peak)	90%			93%	
Waveform	pure sine wave				
Outlets	terminal block				
BATTERY (NOT INCLUDED)					
Battery Voltage	12 Vdc	24 Vdc		48 Vdc	
Floating Charge Voltage	13.5 Vdc	27 Vdc		54 Vdc	
Overcharge Protection	15 Vdc	30 Vdc		60 Vdc	
Maximum Charge Current	10A or 20A (selectable)		20A or 30A (selectable)		
PROTECTION					
Surge Protection	2000VA	4000VA	6000VA	8000VA	10000VA
Full Protection	overload and short circuit protection				
SOLAR CHARGER (OPTIONAL)					
Charging Current	50A				
Max. PV Array Open Circuit Voltage	125Vdc				
Standby Power Consumption	1W			2W	
INDICATORS					
Status Display	LCD indicate AC mode, low battery, and fault. LCD panel also allows configurable AC/solar input priority.				
OPERATING ENVIRONMENT					
Operating Temperature	0 ~ 55°C (32 ~131°F), 5~90% relative humidity (non-condensing)				
Storage Temperature	-15 ~ 60°C (5 ~ 140°F)				
PHYSICAL					
Net Weight (w/o battery) (kg/lb)	5.0 kg / 11.0 lb	6.4kg / 14.1 lb	6.9kg / 12.2 lb	9.8 kg / 21.6 lb	9.8 kg / 21.6 lb
Dimension (D*W*H) (mm/in)	95 x 240 x 316 mm / 3.7 x 9.4 x 14.4 in	100 x 272 x 355 mm / 3.9 x 10.7 x 14.0 in		115 x 295 x 455 mm / 4.5 x 11.6 x 17.9 in	