



INV- INT1000 / INT1500 / INT2000 / INT3200

#### SOLAR CHARGE CONTROLLER (OPTIONAL)



#### INTELLIGENT SERIES FEATURES

- 1000VA~3200VA simulated sine wave inverter
- Off-mode charging
- Ecologically smart and user friendly
- Short circuit and overload protection
- Cold start function
- Advanced battery management (ABM)
- Quiet operation with heavy duty reliability
- Selectable charging current (max 30 Amps) based on applications
- LCD display indicated backup, on-line, battery status, and power status
- High efficiency and low idle current to keep operating costs low
- Auto restart while AC is recovering
- Overload and short circuit protection

#### APPLICATIONS

- Home Equipment
- Office Equipment
- Lighting Systems
- Professional Workstations



#### INTELLIGENT INVERTER SPECIFICATION

MODEL	INV-INT1000	INV-INT1500	INV-INT2000	INV-INT3200
CAPACITY	1000VA/600W	1500VA/900W	2000VA/1200W	3200VA/2000W
<b>INPUT</b>				
AC Voltage	110/115/120VAC or 220/230/240VAC ( 1 phase+neutral)			
Voltage Tolerance (AC)	90~135VAC or 187~264VAC ± 4%			
DC Voltage	12VDC			24VDC
Voltage Tolerance (DC)	10~14VDC			20~28VDC
Frequency	47~35Hz or 57~63Hz			
<b>OUTPUT</b>				
Voltage	110/115/120VAC or 220/230/240VAC			
Voltage Tolerance (Batt. Mode)	± 7%			
Transfer Time	< 10ms (Typical)			
Voltage Waveform	Simulated sine wave			
Outlets	6 NEMA5-15R or 2 universal		Terminal	
<b>BATTERY (NOT INCLUDED)</b>				
Type	Maintenance-free dry type (suggested)			
Battery Low Level	10.8VDC ± 0.2VDC		21VDC ± 0.5VDC	
Battery Cut-Off Level	10VDC ± 0.2VDC		20VDC ± 0.5VDC	
<b>CHARGER</b>				
Battery Charger Voltage	13.6VDC ± 0.2VDC		27.5VDC ± 0.3VDC	
Charger Capacity	30A maximum (adjustable)			
Overcharge Protection	14.5VDC ± 0.5VDC		29VDC ± 0.5VDC	
<b>DISPLAY</b>				
Indicators	Line Mode	AC normal lcd lighting		
	Battery Mode	Back-up LCD lighting		
	Overload	0-load LCD lighting		
	Over Temperature	0-temp LCD lighting		
	UPS Off	Cut-off LCD lighting		
	Load Level	5-step LCD lighting		
	Battery Level	5-step LCD lighting		
<b>PROTECTION</b>				
Full Protection	Overload, short circuit, overcharge, over temperature, and input & output fuse			
<b>PHYSICAL</b>				
Dimension (D x W x H) (mm/in)	420 x 218 x 160 / 16.5 x 8.6 x 6.3			
Net Weight (w/o battery) (kg/lb)	11/24.3	14/30.9	16/35.3	20/44.1

\* Product specifications are subject to change without further notice