

## 1500W Pure Sine Inverter



# U L T I M A T E POWER

5020 Preakness Place  
Bethlehem, PA 18020  
T. 610.317.8513  
F. 610.317.8514  
upinverters.com

### Charger Mode Specification

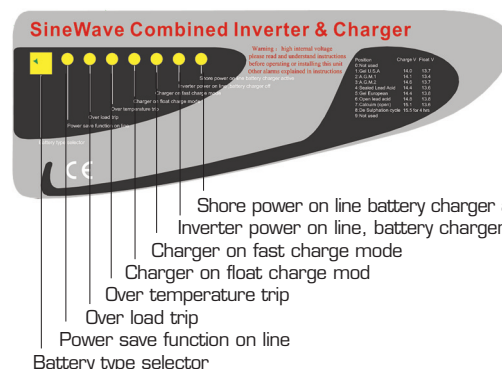
Input Voltage Range	100-135 VAC, 194-243VAC/164-243VAC(V)
Output Voltage	Dependent on battery type
Current Charge	50A
Batt. Initial Volt. for Start-Up	0-15.7V for 12V (*2 for 24V;*4 for 48V)
Over Charge Protec. Shutdown	16V for 12V (*2 for 24V;*4 for 48V)

### Charger Curves Battery Types

Gel U.S.A.	14.0 (Fast V)	13.7 (Float V)
A.G.M.1	14.1 (Fast V)	13.4 (Float V)
A.G.M.1	14.6 (Fast V)	13.7 (Float V)
Sealed Lead Acid	14.4 (Fast V)	13.6 (Float V)
Gel Euro	14.4 (Fast V)	13.8 (Float V)
Open Lead Acid	14.8 (Fast V)	13.3 (Float V)
Calcium	15.1 (Fast V)	13.6 (Float V)
De-sulphation	15.5 (Fast V) for 4 hrs	

### General Specifications

Model No.	UP-12/1000PC
Output Wave Form	Pure Sine Wave
Output Power (continuous)	1000W
Output Surge	3000W
Efficiency	88% at full load
Output Voltage	120 VAC rms
Regulation	+/- 5%
DC Input Voltage	10.5 -16V
Low Battery Alarm	11.0V
Low Battery Shut-Down	10.5V
Frequency +/-1%	60Hz
Operating Temperature	-20°C - 50°C
Overload Protection	Yes
Dimensions (LxWxH)	17.4 x 8.5 x 7 inches
Net Weight	45 lbs



**1500 Watt Pure Sine**  
**3000 Watt Surge**  
**10.5 - 16V Input/120 VAC Output**  
**88% Efficiency**

### Other Features

#### Unit Protection:

- Automatic overload/short circuit protection
- Automatic high battery alarm and shut-down at 16VDC
- Automatic over temperature alarm and shutdown
- Thermally controlled cooling fan

#### Battery Protection:

- Automatic low battery alarm at 11.0V
- Automatic low battery shut-down at 10.5V
- Overload
- Over temperature
- High battery or low battery

#### Other Features

- Built-in 35 amp 4 stage battery charger
- Automatic 30 amp transfer switch
- Transfer time of 10 milliseconds
- Optimal remotes witch with LED display