



## Features



DIMENSIONS : 248.5(L) x 136(W) x 43(H)mm  
WEIGHTS: 1500g

- Battery voltage digital display
- On/Off Switch with Light
- Automatic output protection, no replacement fuse
- Fully charged & Abnormal charging indicator
- Convection cooled
- Reverse Polarity Protection
- 2 years Warranty
- Design Meet IP64
- Constant voltage, constant current charging
- **Can modify to Li-ion Battery (lithium iron and lithium manganese)**

## General specifications

### INPUT

Input range	90~132/180~264VAC (Selectable) 220~380VDC
Input frequency	47~63Hz
Inrush current (25° C)	20A/110VAC 40A/220VAC

### OUTPUT

Hold-up time	10mS
Short protection	Relay Open
Overload protection	Automatic power limited
<b>2 Steps Automatic Charging Control</b>	

## Detail specifications

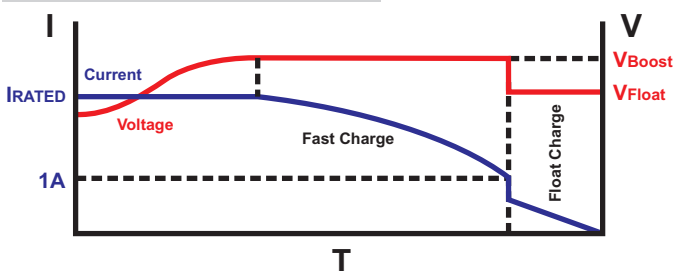
### 200 Watts

MODEL	O/P Volt		Charge(Current) <sup>1</sup>			Line REG. 2	Load REG. 3	Efficiency 4	O.V.P. Trip point
	Boost	Float	Min.	Rated	Max.				
RPH1200C-12M	+14.4V	+13.8V	0A	14A	14.5A	±0.5%	±0.5%	85% Min.	-----
RPH1200C-24M	+28.8V	+27.6V	0A	7A	7.25A	±0.5%	±0.5%	88% Min.	-----

#### Charging Indicator

Power On	Power Indicator On
Fast Charge	LED On
Float Charge	LED Off

## Charging Curve



## Safety Standards

	UL	UL1310	Meet
	CUL	UL1310	Meet
	CE		Marking

## CE Standards

EN 55032, EN 55035, EN 61000-3-2, EN 61000-3-3,  
(EN 61000-4-2, EN 61000-4-3, EN 61000-4-4,  
EN 61000-4-5, EN 61000-4-6, EN 61000-4-8,  
EN 61000-4-11), Heavy Industry level, criteria A  
LVD: EN 62368-1

## Environments

Operating Temperature	-15 ~ 50°C, Ambient
Operating Humidity	20 ~ 90% RH, No Condensing
Storage Temperature	-20 ~ 85°C, Ambient
Vibration	2G, 10~500Hz, 3 axes

- NOTE:**
1. Line regulation is measured from low line to high line at rated load.
  2. Load regulation is measured from 20% to 100% of rated load at 220VAC input.
  3. Efficiency is measured at rated load and 220VAC input.
  4. Hold-up time is measured at rated load and 220VAC input.
  5. Reign Power reserve the right to change specifications at any time without notice.

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