



Features

- Dustproof and waterproof meet IP68, can use under 1 meter depth for long
- Automatic output protection, no replacement fuse
- Fully charged & Abnormal charging indicator
- Convection cooled
- Reverse Polarity Protection
- 2 years Warranty
- Constant voltage, constant current charging
- **Can modify to Li-ion Battery (lithium iron and lithium manganese)**



Dimensions : 251.5(L) x 136(W) x 43(H)mm
WEIGHTS : 1800g



General specifications

INPUT

Input range 90~264VAC
120~380VDC
Input frequency 47~63Hz
Inrush current (25°C) 20A/110VAC
40A/220VAC
Power factor 95% Min.

OUTPUT

Short protection Autorecovery
Over load protection Automatic power limited
Over temperature protection Autorecovery

Detail specifications

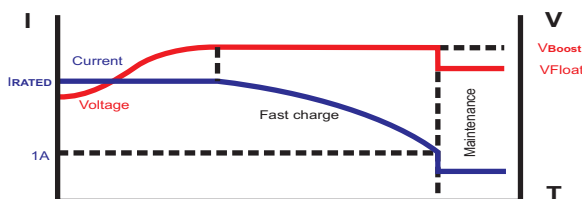
250 Watts

MODEL	O/P Volt		Charge(Current) ₁			Line REG. ₂	Load REG. ₃	Efficiency ₄	O.V.P. Trip point
	Boost	Float	Min.	Rated	Max.				
RPHW1250C-12C	+14.4V	+13.8V	0A	16.6A	16.6A	±0.5%	±0.5%	89% Ref.	16~21V
RPHW1250C-24C	+28.8V	+27.6V	0A	8.7A	8.7A	±0.5%	±0.5%	93% Ref.	33~38V

Charging Indicator

Power On Switch Lamp 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 55024, 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 62368-1:2014

Environments

Operating Temperature -40 ~ 70°C, Ambient
Operating Humidity 20 ~ 90% RH, No Condensing
Storage Temperature -40 ~ 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. Reign Power reserve the right to change specifications at any time without notice.