



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	90~264VAC 127~380VDC
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
2 Steps Automatic Charging Control	

Detail specifications

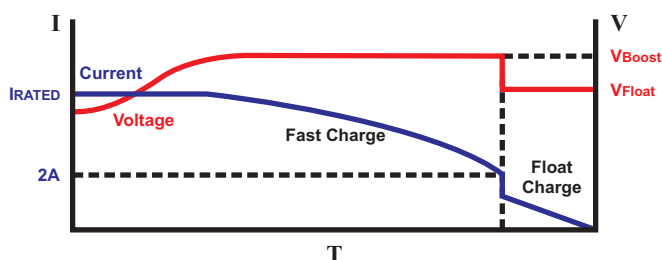
100 Watts

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.				
RPH1100C-12F	+14.4V	+13.8V	0A	7A	7.25A	±0.5%	±0.5%	85% Min.	-----
RPH1100C-24F	+28.8V	+27.6V	0A	3.5A	3.65A	±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

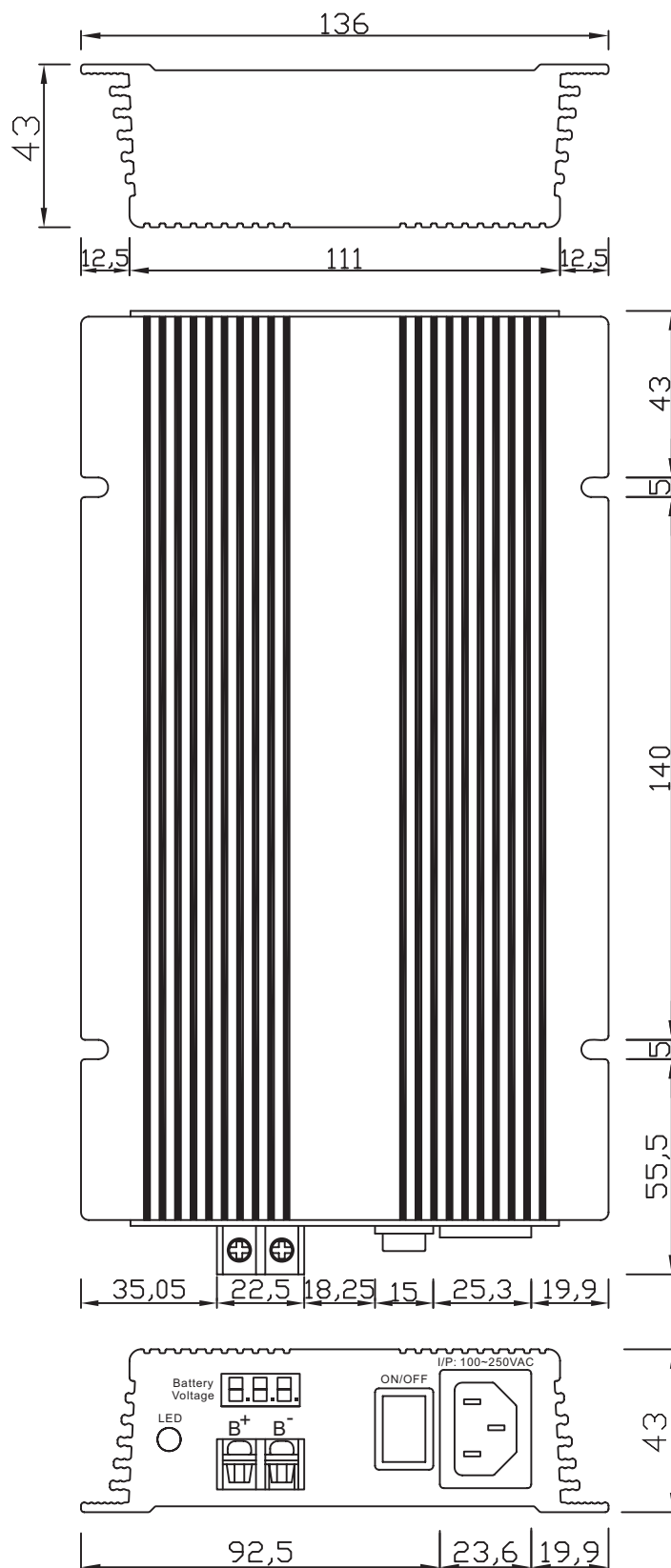
Environments

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.



Mechanical Details



CASE NO. : RPH1300C

UNIT : mm

DIMENSION : 248.5(L)*136(W)*43(H)

MATERIAL : ALUMINUM

COLOR : BLACK