



Features



DIMENSIONS : 206(L) x 136(W) x 57(H)mm
WEIGHTS: 1230g

- On/Off Switch with Light
- Automatic output protection, no replacement fuse
- Convection cooled
- 100% burn-in test
- 2 years Warranty
- Reverse Polarity Protection
- **Design Meet IP61**
- **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

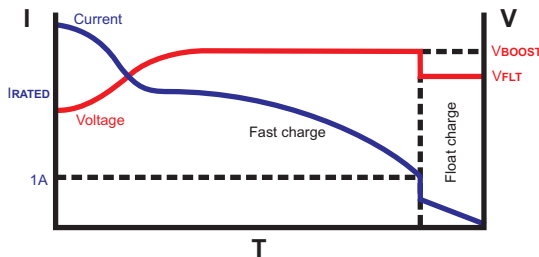
100 Watts

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.				
RP1100C-12F	+14.4V	+13.8V	0A	7A	8A	±0.5%	±0.5%	75% Min.	-----
RP1100C-24F	+28.8V	+27.6V	0A	3.5A	4A	±0.5%	±0.5%	78% Min.	-----

Charging Indicator

Power On	Switch Lamp On
Fast Charge	LED On
Float Charge	LED Off

Charging Curve



Safety Standards

cULus	UL	UL1310	APPROVAL
cULus	CUL	UL1310	APPROVAL
CE	CE		Meet
C-Tick	C-Tick		Meet

CE Standards

EN 55032, EN 55035, 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)
LVD: EN 62368-1

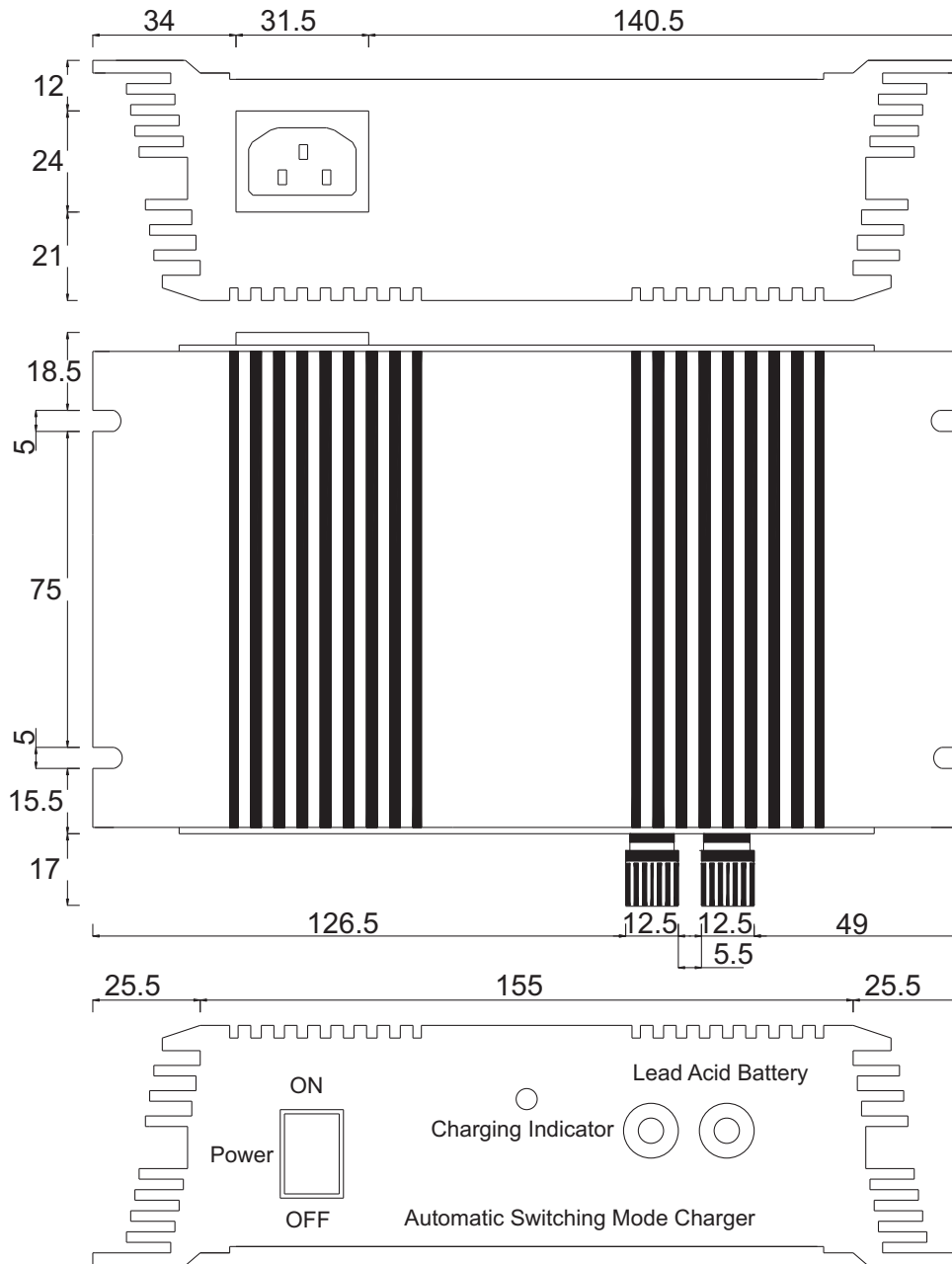
Environments

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



UNIT : mm
MATERIAL : ALUMINUM
CASE NO. : CS100L
COLOR : BLUE
DIMENSIONS :
206(L) x 136(W) x 57(H)mm