



Features



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

- On/Off Switch
- Automatic output protection, no replacement fuse
- Convection cooled
- Wide input range
- 100% burn-in test
- 200,000Hrs MTBF per MIL-HDBK-217F
- 2 years Warranty
- Reverse Polarity Protection
- Design Meet IP61
- Output Modify Range: 3V~200VDC

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

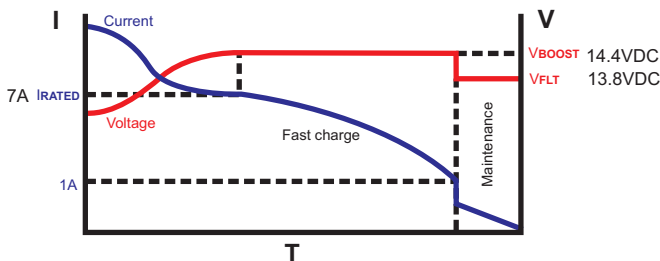
100 Watts

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	+14.7V	+13.8V	0A	7A	8A	±0.5%	±0.5%	75% Min.	-----
RP1100C-24F	+29.4V	+27.6V	0A	3.5A	4A	±0.5%	±0.5%	78% Min.	-----

Charging Indicator

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

Charging Curve



Safety Standards

	UL	E202688	APPROVAL
	CSA	E202688	APPROVAL
	CE		Marking
	C-Tick		Marking

EMC Standards

- EN55014-1, EN55014-2
- EN60555-2, EN60555-3
- EN61000-4-2 (IEC801-2)(IEC1000-4-3)
- EN61000-4-3 (IEC801-4)(IEC1000-4-3)
- EN61000-4-4 (IEC801-4)(IEC1000-4-4)
- EN61000-4-6 (IEC801-5)(IEC1000-4-5)
- EN61000-4-11(IEC1000-4-6)

Environments

Operating Temperature	-15 ~ 50°C, Ambient
Operating Humidity	5 ~ 95% RH, No Condensing
Storage Temperature	-20 ~ 85°C, Ambient
Vibration	2G, 10~500Hz, 3 axes

- NOTE:**
1. Each output can provide up to maximum load, but total load can not exceed rated output power.
 2. Line regulation is measured from low line to high line at rated load.
 3. Load regulation is measured from 20% to 100% of rated load at 110VAC input.
 4. Efficiency is measured at rated load and 110VAC input.
 5. Hold-up time is measured at rated load and 110VAC input.
 6. Reign Power reserve the right to change specifications at any time without notice.

WEB : <http://www.switching-powers.com>
E-mail : rp21003f@ms7.hinet.net

Tel : 886-2-22997550
Fax : 886-2-22997596

