



Features



DIMENSIONS: 100(H)*110(D)*60(W)mm
WEIGHTS: 500g

- Convection cooled
- 100% burn-in test
- Easy mounting (one-step installation)
- Separation of AC and DC, Excellent of Electromagnetic interference
- RoHS & EMI test and strictness on quality
- 2 year Warranty
- Split rail & Series connection possible
- Output modify range: 3V~200VDC

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	16mS
Short protection	Autorecovery
Overload protection	Automatic power limited
Over voltage protection	Optional

Detail specifications

100 Watts

MODEL	O/P Volt Adj. ± %	Load(Current) ¹			Ripple & Noise ⁴	Line REG. ²	Load REG. ³	Efficiency ⁵	O.V. P.
		Min.	Rated	Max.					
RP2100D1M	V1:+5V ±10% V2:+12V ----	0A 0A	3A 7.1A	3A 7.1A	60mVp-p 100mVp-p	±1% ±1%	±1% ±4%	72% Min.	6.67 ~ 7.88V -----
RP2100D2M	V1:+5.15V ±10% V2:+24V ----	0A 0A	3A 3.53A	3A 3.53A	60mVp-p 200mVp-p	±1% ±1%	±1% ±4%	75% Min.	5.8 ~ 7.0V -----
RP2100D3M	V1:+24V ±10% V2:-24V ----	0A 0A	2.1A 2.1A	2.1A 2.1A	200mVp-p 200mVp-p	±1% ±1%	±1% ±4%	77% Min.	27.6 ~ 31V -----

EMC Standards

En55022 CLASS A
EN61000-3-2 CLASS A
EN61000-3-3
EN55024 (IEC61000-4-2,
IEC 61000-4-3, IEC 61000-4-4,
IEC 61000-4-5, IEC 61000-4-6,
IEC 61000-4-8, IEC 61000-4-11)



UL 60950 Meet



CSA 60950 Meet



CE Marking

Environments

Oper rating Temperature	-15 ~ 50°C, Ambient
Oper rating Humi dity	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. (Redundant function Sepc. 0.6V Add.)
 4. Ripple & Noise is measured by using a 0.1uF/630V metalized capacitor & a 47uF electrolytic capacitor parallel on the test point, at rated load and 110VAC input.
 5. Efficiency is measured at rated load and 110VAC input.
 6. Hold-up time is measured at rated load and 110VAC input.
 7. Reign Power reserve the right to change specifications at any time without notice.

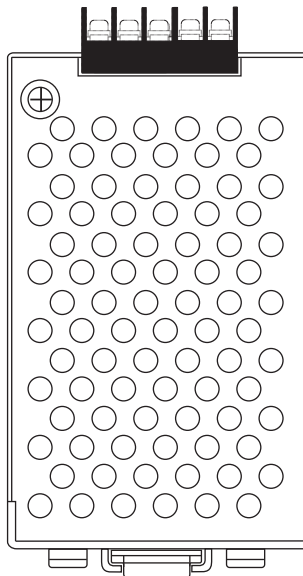
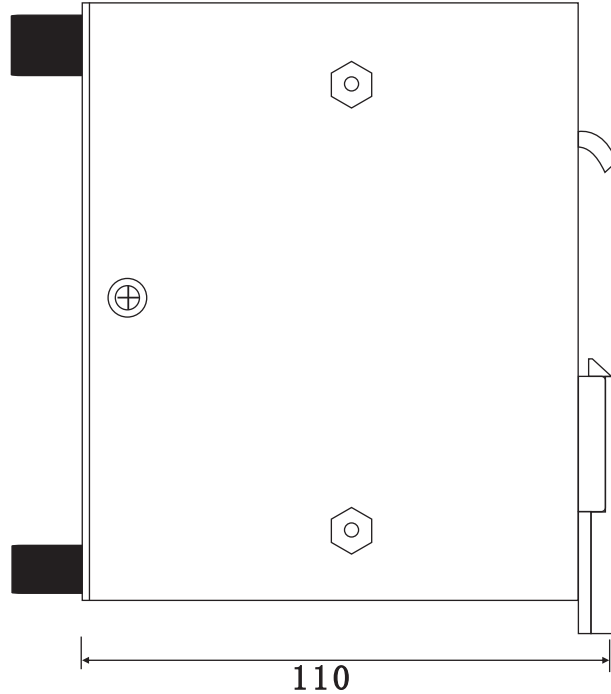
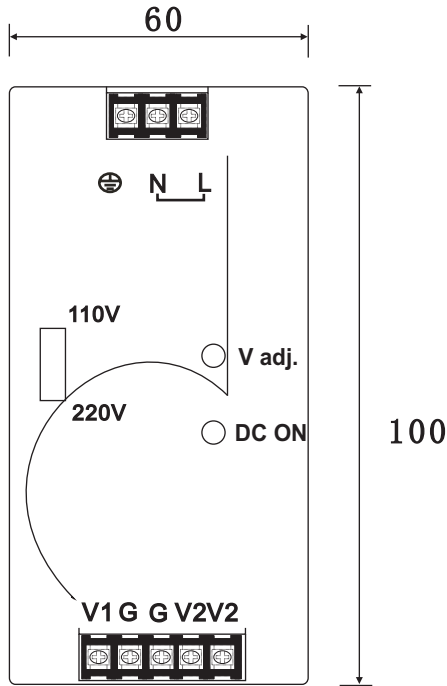
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REIGNPOWER
S.M.P.S



Mechanical Details



CASE NO. : CS060D
 UNIT : mm
 DIMENSIONS : 100 (L) * 110 (W) * 60 (H)

Panel Designation

Single	Description
N	N: Neutral Terminal of Input
L	L: Line Terminal of Input
⊖	FG: Ground (Earth)
-	DC Output Ground Terminal
+	DC Output Terminal
V adj.	O/P volt Adj.
DC ON	LED indicator

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