

AC → DC SWITCHING POWER SUPPLY

All the patents are held accountable counterfeiting.

Features



DIMENSIONS: 210(L)*110(W)*109.5(H)mm
WEIGHTS: 1790g

- **Din Rai/ Screw Moun ting Dual Purpose**
- **Fan speed control (PCB damp proof process)**
- **RDY signal (normal open & close of Relay contact at 1A)**
- **100% full load burn-in test**
- **110,000Hrs MTBF per MIL-HDBK- 217F**
- **2-year warranty**
- **Output modify range: 3V~200VDC**
- **Split rail & Series connection possible**

General specifications

INPUT

Input range	90~264VAC 127~380VDC
Input frequency	47~63Hz
Inrush current (25° C)	20A/110VAC 40A/220VAC
Power Factor	95% Min.

OUTPUT

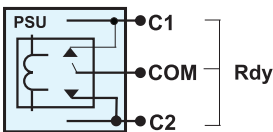
Hold-up time	10mS
Short protection	Autorecovery
Overload protection	Constant current protection
Over voltage protection	Autorecovery
Power Ready Signal (Optional)	
Redundant function (Optional)	

Detail specifications

500 Watts

MODEL	O/P Volt Adj. ± %	Load(Current) ¹			Ripple & Noise ⁴	Line REG. ²	Load REG. ³	Efficiency ⁵	O.V.P. Trip point
		Min.	Rated	Max.					
DPSU/40/12	V1: +12V ±10%	0A	41.6A	41.6A	150mVp-p	±1%	±1%	78% Min.	15 ~ 18V
DPSU/20/24	V1: +24V ±10%	0A	20.8A	20.8A	240mVp-p	±1%	±1%	80% Min.	27.6 ~ 31V
DPSU/10/48	V1: +48V ±10%	0A	10.4A	10.4A	1250mVp-p	±1%	±1%	82% Min.	54 ~ 60V

Rdy Connection



Please Choose Fit Function, And Fill In The Blank With Suitable Words.

Order Model: RP1500D-24C

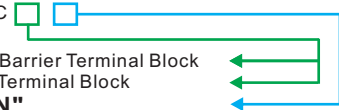
Optional Function:

Terminal Block: "T" : PCB Barrier Terminal Block

"E" : Mini Terminal Block

Without Function: "N"

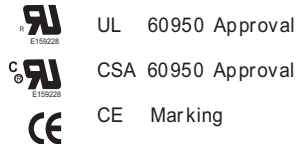
Power Ready Signal and Redundant



EMC Standards

EN55 022 CLAS S A, EN50 082-1
ENV5 0204
EN61 000-3-2, EN61 000-3-3
EN61 00-4-2, EN61 00-4-3,
EN61 000-4-4, EN61 000-4-5,
EN61 000-4-6, EN61 000-4-11
LVD IEC 60950 EN60 950

Safety Standards



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. (Redundant function Sepec. 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.