AC ➡ DC SWITCHING POWER SUPPLY

RPH1240D SERIES

All the patents are held accountable counterfeiting.

Features

CE

Green Power

- Output Voltage/Current/Temperature Digital Display.
- Intelligent Detection of Output Error: Relay and LCD Alarm Flickering
- Standard/Din Rail Mounting Dual Purpose
- Easy mounting (one-step installation)
- Full Range Input with PFC
- Comply with High Efficiency Power 80Plus Criterion
- 92% High Efficiency
- Build-in output stability monitor
- Split rail & Series connection possible
- Convection cooled high reliability
- 100% burn-in test
- EN 62368 approved
- 2 years warranty
- Output modify range: 5V~60VDC

DIMENSIONS:100(H)*110(D)*60(W)mm **WEIGHTS: 740g**

General specifications

INPUT

Input range	90~264VAC 120~380VDC
Input frequency	47~63Hz
Inrush current (25°C)	20A/110VAC 40A/220VAC
Power factor	95% Min.

OUTPUT

Hold-up time	16ms
Short protection	Autorecovery
Over load protection	Automatic power limited

1A power ready relay contacts are built in VAT module.

Detail specifications

240 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.					
RPH1240D-24CED	V : +24V ±10%	0A	10A	10A	240mV	±1%	±1%	91% Ref.	31.4 ~ 34.7V
RPH1240D-36CED	V : +36V ±10%	0A	6.7A	6.7A	360mV	±1%	±1%	92% Ref.	47.8 ~ 53.2V
RPH1240D-48CED	V : +48V ±10%	0A	5A	5A	480mV	±1%	±1%	91% Ref.	64.6 ~ 71.4V

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

Order Model:RPH1240D-24C□□

Optional Function:

Terminal Block: "B" : PCB Spring Terminal Block with Voltage, Current, Temperature Monitor

"E" : Mini Terminal Block with Voltage, Current, Temperature Monitor

Option: " " : Power Ready Relay Function

"N" : No Power Ready Relay Function

Intelligent Monitor Alarm Instructions:

- Voltage alarms when output voltage value is not in the range of -10% to +10%. Voltage LCD flickering, open circuit for relay.
- Current alarms when output current value is over 100%. Current LCD flickering, open circuit for relay.
- Temperature alarms when monitor panel temperature is lower than -20 or higher than 80 degrees Celsius. Temperature LCD flickering, open circuit for relay.
- Relay alarm is normally closed contact. (For the two contacts, short circuit when power source is normal; open circuit when power source is abnormal.)

CE Standards

EN 55032, EN 55024,
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 62368-1:2014

Safety Standards

c UL us LISTED IND.CONT.EQ. 52GB E225775 **UL 508 Meet**

CE **CE Marking**

Environments

Operating Temperature	-10 ~ 60°C, Ambient
Operating Humidity	20 ~ 90% 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 220VAC input.
4. Ripple & Noise are measured with 20MHz oscilloscope at 220VAC by using a 20cm long 12" twisted pair-wire with a 0.1uF/630V metal capacitor & a 47uF electrolytic capacitor parallel on the test point.
5. Efficiency is measured at rated load and 220VAC input.
6. Hold-up time is measured at rated load and 220VAC input.
7. Output Voltage Adjustable is measured on 5% of rated load.
8. Reign Power reserve the right to change specifications at any time without notice.