



All the patents are held accountable counterfeiting.

Features



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  
 Input frequency 120~380VDC  
 Inrush current (25°C) 47~63HZ  
 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-24CBD	V : +24V ±10%	0A	10A	10A	240mV	±1%	±1%	91% Ref.	31.4 ~ 34.7V
RPH1240D-36CBD	V : +36V ±10%	0A	6.7A	6.7A	360mV	±1%	±1%	92% Ref.	47.8 ~ 53.2V
RPH1240D-48CBD	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□D

Optional Function:

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

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

UL 508 Meet  
 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.

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