



All the patents are held accountable counterfeiting.

## Features

## Green Power

- Standard/Din Rail Mounting Dual Purpose
- Easy mounting (one-step installation)
- Full Range Input with PFC
- Comply with High Efficiency Power 80Plus Criterion
- 96% High Efficiency
- 150% Peak power for 10 seconds
- Models with output voltage lower than 150VDC are build-in output stability monitor
- Split rail & Series connection possible
- Convection cooled high reliability
- 100% burn-in test
- 2 years warranty
- Output modify range: 3V~500VDC



DIMENSIONS:125.9(H)\*80(D)\*240(W)mm

WEIGHTS: 2000g

## General specifications

## INPUT

Input range	180~264VAC 250~380VDC
Input frequency	47~63Hz
Inrush current (25°C)	20A/220VAC
Power factor	95% Min.

## OUTPUT

Hold-up time	10ms
Short protection	Re-power on to recover
Over load protection	Short-circuit protection

## Detail specifications

## 960 Watts

MODEL	O/P Volt Adj. ± %	Load(Current) <sup>1</sup>			Ripple & Noise <sup>4</sup>	Line REG. <sup>2</sup>	Load REG. <sup>3</sup>	Efficiency <sup>5</sup>	O.V.P
		Min.	Rated	Peak(10s)					
RPH1960D-24CENDA	V : +24V	0A	40A	60A	240mV	±1%	±1%	95% Ref.	31.4 ~ 34.7V
RPH1960D-36CED (Smart Alert) RPH1960D-36CENDA	V : +36V	0A	26.6A	40A	360mV	±1%	±1%	96% Ref.	47.8 ~ 53.2V
RPH1960D-48CED (Smart Alert) RPH1960D-48CENDA	V : +48V	0A	20A	30A	480mV	±1%	±1%	96.3% Ref.	64.6 ~ 71.4V
RPH1960D-110CENDA	V : +110V	0A	8.7A	13A	1100mV	±1%	±1%	96% Ref.	150 ~ 175V
RPH1960D-125CENDA	V : +125V	0A	7.68A	11.5A	1250mV	±1%	±1%	96% Ref.	156 ~ 175V
RPH1960D-250CEN	V : +250V	0A	3.84A	5.76A	2500mV	±1%	±1%	96% Ref.	310 ~ 360V

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

Order Model: RPH1960D-24CEN□□

Optional Function:

Terminal Block: "E": Mini Terminal Block

"N": No Power Ready Relay Function

Monitor: " " : No Monitor

"D": Monitor Display

Type: " " : No Display Function

"A": Output Voltage Display

## CE Standards

EN 55032, EN 55035,  
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

## Safety Standards



UL 508 Meet



CE Marking

## Environments

Operating Temperature  
Operating Humidity  
Storage Temperature  
Vibration

-10 ~ 60°C, Ambient  
20 ~ 90% RH, No Condensing  
-20 ~ 85°C, Ambient  
2G, 10~500Hz, 3 axes



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**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. With ● are CE safety approval, but no UL safety approval.
8. With ▲ are no Monitor Display.
9. Output Voltage Adjustable is measured on 5% of rated load.
10. The product uses metal enclosure for cooling. To ensure product lifespan, a clearance of at least 1 cm at the side of the product, 2 cm at top and bottom of the product should be maintained when installing.
11. Reign Power reserve the right to change specifications at any time without notice.