

## Product Specification

AC/DC Single Output Desk Top  
Type

## Key Product Features

- Active PFC Function
- DoE Compliance
- RoHS Compliance
- IEC320 C14, C8, C6, C18
- Over Voltage Protective Installation
- Over Current Protective Installation
- Over Temperature Protective Installation
- Short Circuit Protective Installation
- LED Indication
- MTBF > 50,000 hours



### EA1250 x Y - vv PP

x	Case type: 1. C14 2. C8 3. C6 6.C18
Y	Output range
vv	Specified output voltage, ie 24 is 24Vdc
PP	Connector type, ie 01 for standard dc cable or please refer to the appendix page

## Model Options

Model	Output Power	Output Voltage	Load min.	Load max.	Load Regulation	Line Regulation	Ripple & Noise
DPEA1250xA	160W	12~18V	0	13.33A	±5%	±1%	300mV
DPEA1250xB	180W	12~18V	0	15.00A	±5%	±1%	300mV
DPEA1250xC	180W	19~28V	0	9.47A	±5%	±1%	350mV
DPEA1250xD	200W	12~18V	0	16.66A	±5%	±1%	300mV
DPEA1250xE	200W	19~28V	0	10.52A	±5%	±1%	350mV
DPEA1250xF	200W	32~42V	0	6.25A	±5%	±1%	450mV
DPEA1250xG	200W	44~56V	0	4.54A	±5%	±1%	600mV
DPEA1250xH	220W	12~18V	0	18.33A	±5%	±1%	300mV
DPEA1250xJ	220W	19~28V	0	11.57A	±5%	±1%	350mV
DPEA1250xK	220W	32~42V	0	6.87A	±5%	±1%	450mV
DPEA1250xL	220W	44~56V	0	5A	±5%	±1%	600mV
DPEA1250xM	230W	19~28V	0	12.10A	±5%	±1%	350mV
DPEA1250xN	230W	32~42V	0	7.18A	±5%	±1%	450mV
DPEA1250xP	230W	44~56V	0	5.22A	±5%	±1%	600mV
DPEA1250xQ	250W	19~28V	0	13.15A	±5%	±1%	350mV
DPEA1250xR	250W	32~42V	0	7.81A	±5%	±1%	450mV
DPEA1250xS	250W	44~56V	0	5.68A	±5%	±1%	600mV

**NOTE:**

1- Ripple & Noise is measured by using 20MHz bandwidth limited oscilloscope and terminated each output with a 0.1uF ceramic capacitor & parallel with 47uF aluminum capacitor at full load and nominal line. 2- Line regulation is defined by changing ±10% of input voltage from nominal line at rated load.  
3- Max. Output Power (W) ≥Vo x Io

## DPEA1250 Series

160-250 Watts Max.

## Product Specifications

### Input

Input Range	100 to 240 VAC
Frequency	50 to 60Hz
Input Current	3.5 to 2.5A
Inrush Current	≤ 100A At cold start
Efficiency	Meet CEC Level VI (DoE), Coc Tier 2
Hold Up Time	≥8.3mS
Turn On Time	≤3s

### Output

Over Voltage Protection	Auto Recovery or Latch Off
Short Circuit Protection	Auto Recovery
Over Current Protection	Auto Recovery
Over Temperature Protection	Latch Off

## Environment

Operating Temperature	0 to 40°C
Storage Temperature	-20 to 85°C
Storage Humidity	5% to 95%

## Safety, Regulatory, and EMC Specifications

UL/cUL, TUV, CB, CE, FCC, CCC

## Mechanical Specification

Case Size	182L x 84.5W x 46H(mm)
AC Inlet	C14, C8, C6, C18
Weight	1000g

## Outline Drawing

