

Product Specification

AC/DC Single Output Desk Top
Type

Key Product Features

- Active PFC Function
- DoE Compliance
- RoHS Compliance
- IEC320 C14, C8, C6
- Over Voltage Protective Installation
- Over Current Protective Installation
- Over Temperature Protective Installation
- Short Circuit Protective Installation
- LED Indication
- MTBF > 100,000 hours



EA1101 x Y - vv PP

x	Case type: 1. C14 2. C8 3. C6
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
DPEA1101xA	80W	12~16V	0	6.66A	±5%	±1%	240mV
DPEA1101xB	90W	12~16V	0	7.5A	±5%	±1%	240mV
DPEA1101xC	90W	19~24V	0	4.73A	±5%	±1%	360mV
DPEA1101xD	100W	12~16V	0	8.33A	±5%	±1%	240mV
DPEA1101xE	100W	19~24V	0	5.26A	±5%	±1%	360mV
DPEA1101xF	110W	12~16V	0	9.16A	±5%	±1%	240mV
DPEA1101xG	110W	19~24V	0	5.78A	±5%	±1%	360mV
DPEA1101xH	120W	12~16V	0	10A	±5%	±1%	240mV
DPEA1101xM	120W	19~24V	0	6.31A	±5%	±1%	360mV
DPEA1101xN	100W	48~56V	0	2.08A	±5%	±1%	840mV
DPEA1101xP	130W	48~56V	0	2.70A	±5%	±1%	840mV

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

Product Specifications

Input

Input Range	100 to 240 VAC
Frequency	50 to 60Hz
Input Current	≤ 2A
Inrush Current	≤ 120A At cold start
Efficiency	Meet CEC Level VI (DoE), Coc Tier 2
Hold Up Time	≥8.3mS
Turn On Tme	≤3s

Output

Over Voltage Protection	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	137L x 59W x 34H(m)
AC Inlet	C14, C8, C6
Weight	450g

Outline Drawing

