

(877) 634-0982 www.digipwr.com

Product Specification

AC/DC Single Output Desk Top Туре

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



DPEA1250 Series

160-250 Watts Max.







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 0.1 uF ceramic capacitor & parallel with 47 uF aluminum capacitor at full load and nominal line. 2- Line regulation is defined by changing $\pm 10\%$ of input voltage from nominal line at rated load.

3- Max. Output Power (W) \geq Vo x lo



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%		

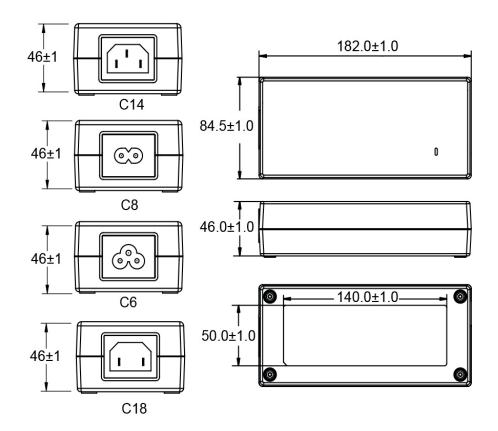
Safety, Regulatory, and EMC Specifications

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





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