

(877) 634-0982 www.digipwr.com

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



DPEA1101 Series

80-130 Watts Max.



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 $\pm 10\%$ 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	≤ 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%		

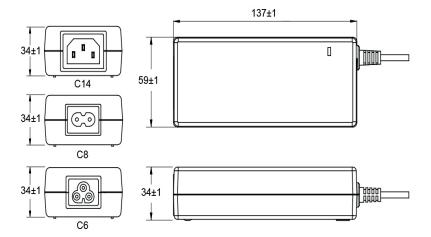
Safety, Regulatory, and EMC Specifications

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





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Digital Power Corporation designs and manufactures flexible power supply solutions for the most demanding applications in the defense, healthcare, telecom, and industrial markets. With headquarters in Fremont, California, Digital Power is publically traded on the NYSE (symbol: DPW). The company was founded in 1969 incorporated in California.

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