



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China





24W Adapter Style Constant Current LED Driver PDA024A Wall Plug LED Power Supply



Features

- Low Profile Design
- OVP, IOCP, Over-Load and Short-Circuit Protection
- ≥ 0.9 Power Factor Correction
- Low Cost Fixed Wall Plug
- IP20 Rated
- SELV Compliant
- UL 8750 Compliant
- Very Low Leakage
- Class 2 Output

Applications

- Indoor Lighting
- Case Display Lighting
- Under Counter Lighting
- Floor Lamps

Safety Approvals

- cUL/UL

Mechanical Characteristics

- Length: 90.5mm (3.56in)
- Width: 55.5mm (2.19in)
- Height: 38mm (1.49in)
- Weight: 125g (4.41oz)

Output Specifications

Model	DC Output Voltage			Output Current	Output Power
	Min.	Typ.	Max.		
PDA024A-700S-R	24V	-	34V	700mA	24W
PDA024A-1A0S-R	16V	-	24V	1000mA	24W
PDA024A-1A5S-R	11V	-	16V	1500mA	24W

Phihong is not responsible for any error, and reserves the right to make changes without notice. Please visit our website at www.phihong.com for the most up-to-date specifications and contact information.

INPUT:

AC Input Voltage
90 to 132VAC

Nominal AC Input Voltage
110 to 120VAC

Leakage Current
<0.5mA at 120VAC and maximum load

Maximum Input Current
≤500mA at full load, 110VAC

No-Load Power Draw
<300mW at 115VAC, 60Hz

OUTPUT:

Total Output Power
24W maximum

Efficiency
≥82% at nominal input voltage, full load
Meets Level V efficiency marking requirements

Power Factor
≥0.9 at nominal input voltage, full load

ENVIRONMENTAL:

Operating Temperature 0 to +40°C
Storage Temperature -40 to +85°C

Operating Humidity 10 to 95%

Ingression Protection

IP20; plastic housing

EMC

FCC Part 15 Class B

Immunity

EN61000-4-2
EN61000-4-4
EN61000-4-5

Isolation Test

Primary to Secondary: 3000VAC, <10mA, 1 minute

Insulation Resistance

Primary to Secondary: 500VDC, >5M ohm, 1 minute

FEATURES:

Input Current Protection

The input power line will be fused with a 2A/250V time-lag fuse

Short Circuit

Auto restart without damage

Output Overvoltage Protection

Output should not exceed voltage limits, auto shut down

AC Input

Fixed Blade (North America)

DC Output

2.1mm x 5.5mm x 9.5mm center positive barrel

Dimension Diagram Unit:mm

