



## 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
- $\geq 0.9$  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](http://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

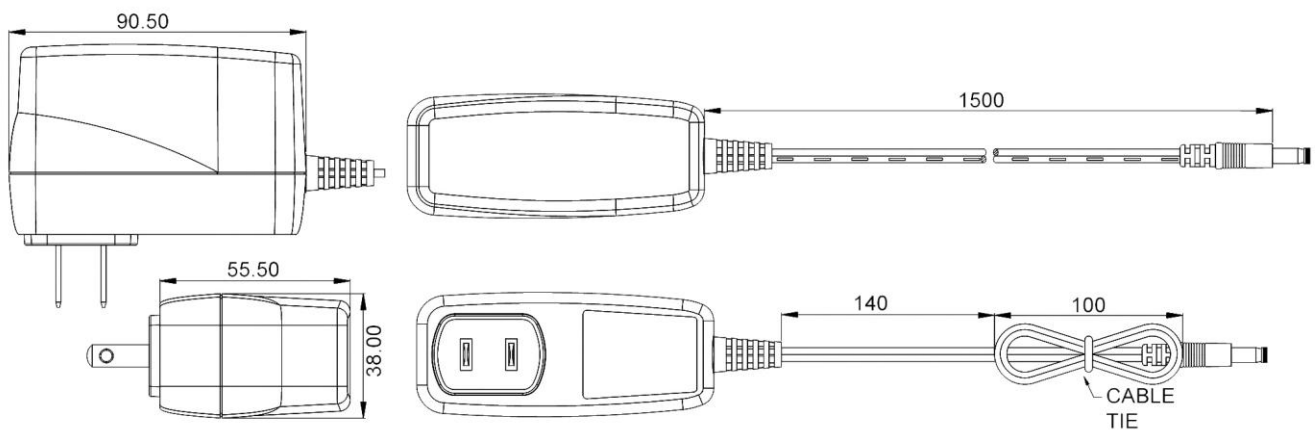
**AC Input**

Fixed Blade (North America)

**DC Output**

2.1mm x 5.5mm x 9.5mm center positive barrel

**Dimension Diagram Unit:mm**



## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [LED Power Supplies](#) category:*

*Click to view products by [Phihong](#) manufacturer:*

Other Similar products are found below :

[ESS015W-1000-12](#) [PDA-WIFI](#) [PIFC-K250F](#) [PITB-K222A](#) [ALD-514012PJ134](#) [LB240S24KH](#) [LMH020-SPLC-0000-0000001](#) [LMD600-0100-C1A7-7030000](#) [79534](#) [79535](#) [EUG-200S210DT](#) [ESS030W-1050-21](#) [ESS030W-0900-32](#) [BPOXL 4-12-035](#) [ESS010W-0350-24](#) [ESM060W-1400-42](#) [PDA080B-1A0G](#) [PDA150B-S1A5G](#) [ZPS-20](#) [SLM140W-1.05-130-ZA](#) [ESS015W-0700-18](#) [EUD-150S350DVA](#) [LWA320-C420-ARK-B](#) [HVG-240-48AB](#) [HVG-320-36AB](#) [HVG-320-54AB](#) [ELG-240-C1400AB](#) [EUK-150S105DV](#) [BXCS-12Z-N2P-B1-A](#) [BXPR-WN-01-A](#) [LN1224CV](#) [BXCS-12W-N2P-01-A](#) [HBG-160-24AB](#) [980100001200394](#) [980060001200376](#) [LC 14W 250-350MA FLEXC R ADV2](#) [LC 24W 500-600MA FLEXC R ADV2](#) [LC 36W 850-900MA FLEXC R ADV2](#) [LC 18W 24V ONE4ALL SC PRE](#) [LC 50W 200-350ML 170V FLEXC LP SNC4](#) [LC 25W 200-350ML 70V FLEXC LP SNC4](#) [LCBI 10W 350MA PHASE-CUT/1-10V LP](#) [LC 13W 300MA FIXC C SNC](#) [LC 10W 250MA FIXC SC SNC2](#) [LC 35W 800MA FIXC SR ADV2](#) [LC 38W 900MA FIXC SR ADV2](#) [LC 34W 800MA FIXC SC ADV2](#) [LC 44W 1050MA FIXC SC ADV2](#) [LC 38W 900MA 42V FIXC SRL ADV2](#) [PWM-40-36](#)