



**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

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**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:**

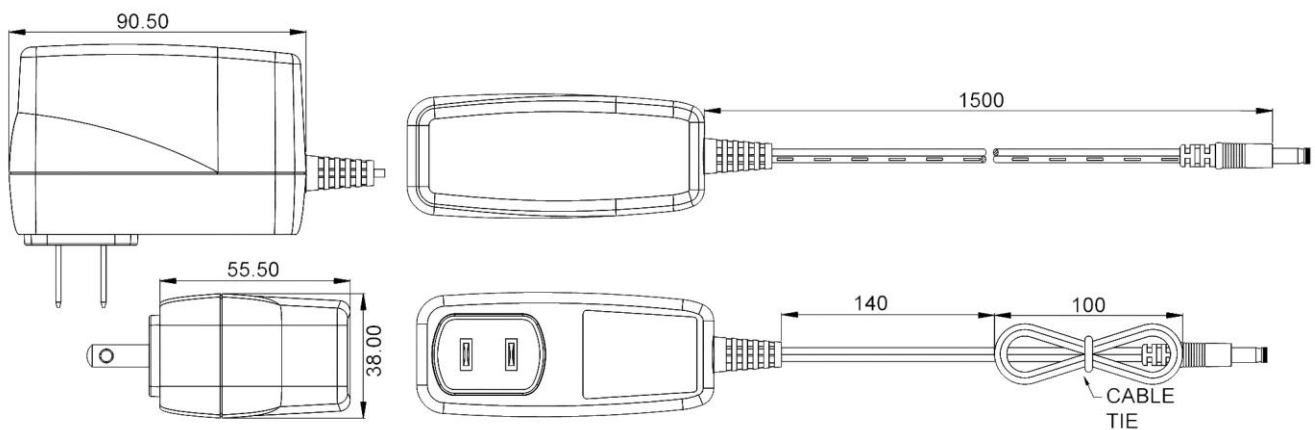
Operating Temperature      0 to +40°C  
Storage Temperature        -40 to +85°C

Operating Humidity            10 to 95%

**Ingression Protection**

IP20; plastic housing

**Dimension Diagram Unit:mm**



**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

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