



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

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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

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

