



6W Adapter Style Constant Current LED Driver PDA006A Wall Plug LED Power Supply



Features

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

Applications

- Indoor Lighting
- Desk Lighting

Safety Approvals (PENDING)

- cUL/UL

Mechanical Characteristics

- Length: 66.5mm (in)
- Width: 31mm (in)
- Height: 38mm (in)
- Weight: 40g (1.41oz)

Output Specifications

Model	DC Output Voltage			Output Current	Output Power
	Min.	Typ.	Max.		
PDA006A-350S-R	9V	-	17V	350mA	6W
PDA006A-700S-R	5V	-	8.6V	700mA	6W
PDA006A-1A0S-R	4V	-	6V	1000mA	6W

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INPUT:
AC Input Voltage

90 to 132VAC

Nominal AC Input Voltage

110 to 120VAC

Leakage Current

<0.25mA at 110VAC and maximum load

Maximum Input Current

≤250mA at full load, 120VAC

No-Load Power Draw

<300mW at 115VAC, 60Hz

OUTPUT:
Total Output Power

6W maximum

Efficiency

≥73% at nominal input voltage, full load

Meets requirements for Level V efficiency marking

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

EN61000-4-11

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 1W/100ohm fuse resistor

Short Circuit

Auto restart without damage

Output Over-Voltage Protection

Output should not exceed voltage limit, auto shut down

AC Input

Fixed Blade (North America)

DC Output

2.1mm x 5.5mm x 9.5mm center positive barrel

Lifespan

20K Hours minimum at max load

