



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

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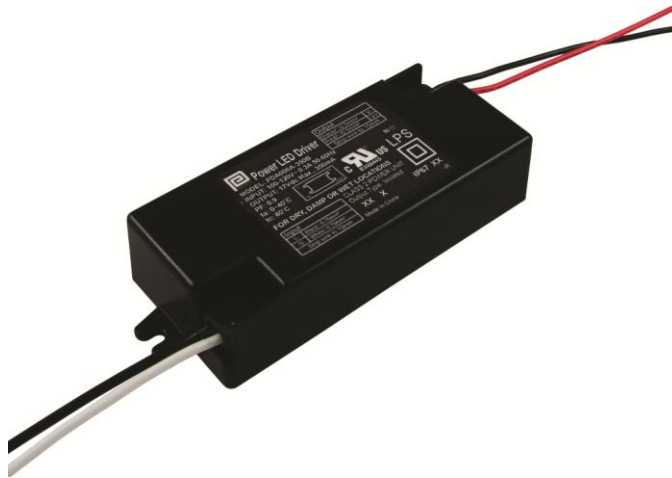
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## 6W Constant Current LED Driver PDA006A Waterproof LED Power Supply



### Features

- Low Profile Design
- OVP, OCP, Over-Load and Short-Circuit Protection
- Class 2 Output per UL1310
- UL 8750 Compliant
- IP67 Rated
- Brownout Protection
- $\geq 0.9$  Power Factor Correction
- Very Low Leakage
- SELV Compliant
- RoHS Compliant

### Applications

- Outdoor Lighting
- Indoor Lighting

### Safety Approvals

- cUL/UL

### Mechanical Characteristics

- Length: 105.8mm (4.17in)
- Width: 39.8mm (1.57in)
- Height: 20.8mm (0.82in)
- Weight: 101g (3.56oz)

### Output Specifications

Model	DC Output Voltage			Output Current	Output Power
	Min.	Typ.	Max.		
PDA006A-350B-R	9V	-	17V	350mA	6W
PDA006A-700B-R	5V	-	8.6V	700mA	6W
PDA006A-1A0B-R	4V	-	6V	1000mA	6W

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**  
<0.25mA at 120VAC 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, 350-700mA out  
≥69% at nominal input voltage, 1000mA out

**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%

**Warranty**  
3 Years

**EMC**

FCC Part 15 Class B

**Immunity**

EN61000-4-2  
EN61000-4-5  
EN61000-3-2    Class C  
EN61000-3-3

**Isolation Test**

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

**Insulation Resistance**

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

**FEATURES:**

**Input Over-Current Protection**

The input power line will be fused with a 1W/100ohm fuse resistor

**Short Circuit Protection**

Auto restart without damage

**Output Over-Voltage Protection**

Output should not exceed voltage limits, auto shut down

**Input / Output Connection**

Flying leads

Position	Terminal Color	Wire Gauge
Line	Black	AWG 18
Neutral	White	AWG 18
Vout+	Red	AWG 22
Vout-	Black	AWG 22

**Ingression Protection**

IP67; plastic housing

**Dimension Diagram unit:mm**

