



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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**6W LED Driver with 700mA Constant Current  
PDA006A LED Power Supply**



**Features**

- Low Profile Design
- OVP, OCP, Over-Load and Short-Circuit Protection
- Power Factor Correction
- Brownout/Brownout Recovery
- IP20 Rating
- RoHS Compliant
- Halogen Free
- Very Low Leakage
- Constant Current

**Applications**

- Indoor Lighting
- Architectural Lighting

**Safety Approvals**

- CQC
- SAA
- TUV
- C-Tick
- CE
- CCC

**Mechanical Characteristics**

- Length: 58mm (2.28in)
- Width: 35mm (1.38in)
- Height: 20.5mm (0.81in)
- Weight: 40g (1.41oz)

**Output Specifications**

Model	DC Output Voltage Range		Output Current Ripple	Output Current Range			Max Power
	Min.	Max.		Min.	Typ.	Max.	
PDA006A-700C-H	2.5V	7.5	<1A	650mA	700mA	750mA	5.6W

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**  
211 to 264VAC

**Nominal AC Input Voltage**  
220 to 240VAC

**Leakage Current**  
<0.5mA at 230VAC and maximum load

**Maximum Input Current**  
≤100mA at full load, 211VAC

**AC Inrush Current**  
≤20A at 230VAC and maximum load

**OUTPUT:**

**Total Output Power**  
5.6W maximum

**Efficiency**  
≥70% at nominal input voltage, full load

**Power Factor**  
≥0.7 at nominal input voltage, full load

**Ripple**  
<1A

**Turn-on/Turn off delay Time**  
0.5 seconds maximum

**ENVIRONMENTAL:**

Operating Temperature	-20 to +50°C
Storage Temperature	-20 to +70°C

Operating Humidity	10 to 95%
Storage Humidity	05 to 95%

**Warranty**  
3 Years

**Lifespan**  
20K Hours minimum at max load and ambient 50°C

**EMC**

EN55015, FCC 47 Part 18, EN55022 Class B

**Immunity**

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

**Isolation Test**

Primary to Secondary: 3750VAC, <5mA, 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/3.9Ohm fuse resistor

**Short Circuit**

Auto restart without damage

**Output Overvoltage Protection**

Output should not exceed 12V, auto shut down

**Open Circuit Protection**

Once the circuit is opened, the output voltage should be less than 12V at nominal AC input conditions

**Input / Output Connection**

2-pin terminal block

Position	Terminal Color
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Line	Brown
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Neutral	Blue
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Vout+	Red
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Vout-	Black
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**Input / Output Wires**

16~18AWG solid or stranded wires

**Ingression Protection**

IP20; plastic housing

**Mounting Provision**

Screw mounting, accessible without opening unit

