**Constant Voltage LED Driver**

**Model Number**

**AC-A60V12H5.0**

**Input Voltage:** 120-277V  
**Input Frequency:** 50/60Hz  
**Side Mount/Leads**

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**ELECTRICAL SPECIFICATIONS:**

<table>
<thead>
<tr>
<th>Output Power</th>
<th>Input Current</th>
<th>Min PF (full load)</th>
<th>Max THD (full load)</th>
<th>Output Voltage</th>
<th>Output Current</th>
<th>T case Max</th>
<th>Minimum Starting Temp</th>
<th>Efficiency Up To</th>
<th>IP Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>60W</td>
<td>0.61A @ 120V</td>
<td>&gt;0.95</td>
<td>&lt;15%</td>
<td>12V ±5%</td>
<td>0.5 to 5A</td>
<td>90°C</td>
<td>-40°C</td>
<td>87%</td>
<td>IP65</td>
</tr>
</tbody>
</table>

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**WIRING:**

- **INPUT**
  - BLACK (LINE)
  - WHITE (NEUTRAL)

- **OUTPUT**
  - RED
  - BLUE

**Wiring Lead Lengths**

- White: 5.9"
- Black: 5.9"
- Red: 5.9"
- Blue: 5.9"

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**PHYSICAL:**

- **Dimensions**
  - Length: 9.5"
  - Width: 1.7"
  - Height: 1.14"
  - Mounting Length: 8.9"
  - Mounting Hole Distance: 1.0"
  - Mounting Hole Diameter: 0.20"
  - Weight: 1.32 lbs.
  - Case Qty.: 30 pcs.

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**SAFETY:**

- UL and cUL Recognized
- UL1310 Class 2
- UL Outdoor Type I
- Class A sound rating
- Overload Protection
- Open/Short Circuit Protection
- LED driver has a life expectancy of 50,000 hours at Tcase of ≤75°C
- LED driver has a life expectancy of 100,000 hours at Tcase of ≤65°C
- Warranty: 5 yrs based on max case temp of ≤75°C; 3 yrs based on max case temp of 90°C
- Input/Output Isolation
- FCC Title 47 CFR Part 15
- Surge Protection (2 KV)
- Warranty: 5 yrs based on max case temp of ≤75°C; 3 yrs based on max case temp of 90°C

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**INSTALLATION:**

- LED drivers shall be installed inside electrical enclosures
- 18 AWG 600V/105C tinned strand copper lead-wires are required for installation
- Max Remote installation distance is 18 ft
- LED driver cases should be grounded

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*AC Electronics/AC LED Power Designs warrants to the purchaser that each LED Driver will be free from defects in material or workmanship for a period of 5 years when operated at max case temp of up to ≤75°C; 3 years from date of manufacture when operated at a max case temp of up to 90°C when properly installed and under normal conditions of use. See aceleds.com for complete warranty policy.

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Data is based upon tests performed by AC Electronics in a controlled environment and representative performance. Actual performance can vary depending on operating conditions. Specifications are subject to change without notice. All specifications are nominal unless otherwise noted.

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