

## DCP-60-DP-125VDC-WP

**Transformer Converts 120-240V AC to 125 Volts DC - 60 Amp Max- Straight Blade Wall Plug**

**Product ID: 324136**



Image: DCP-60-DP-125VDC-WP

Larson Electronics LLC manufactures a wide variety of products, including custom built to spec designs. The pictures displayed for this unit are a general representation of form factor for the product line and may not accurately represent this exact configuration in every detail due to custom builds and changes between similar products in our standard catalog. The specifics for this configuration are listed in the specification table and supporting documentation (CAD files, Dimensional Drawing, Name Plate Diagram, Wiring Diagram, etc.). This means that specific details (receptacles, plugs, wires, connections, mounting brackets, external finishes, etc.) may not be accurately represented in images vs specifications. Please review specifications and do not order based solely on images.

### DCP-60-DP-125VDC-WP Power Converter

**Line In Voltage:** 120-240VAC @47~63 hz

**Line Out:** 125VDC @ 60 Amps

**Watts:** 7500

**AC Input Connector:** 1` Pigtail, Straight Blade Plug

**DC Output Connector:** 1` Pigtail, 2 Pin Deutsch Connectors

**Protection:** Short Circuit/Overload/ Over Voltage/Over Temperature

**Mounting:** Floor or Wall

**Operating Temp:** -30 / +60C

**Efficiency:** 90%

**Dimensions:** 9.6"-L 2.5"-W 1.5"-D

**Weight:** 1 Lbs

### DCP-60-DP-125VDC-WP Features

Overload, Short Circuit ,Over Voltage, Over Temperature Protection

UL1012 Compliant

UL60950-1 Compliant

### Special Orders - Special Requirements

Contact us for special requirements

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The Larson Electronics DCP-60-DP-125VDC-WP power supply converts commonly used 120-240VAC electrical current to 125VDC @60 Amps. This unit takes voltages within the 120-240VAC range and reduces it to 125 VDC, allowing users to use standard AC power to 125V voltage DC current.

The DCP-60-DP-125VDC-WP 7500 watt power converter provides a safe and effective way

for users to tap into and utilize common 120 to 240 Volt AC power sources and convert this current to 125 Volts DC for use with equipment that requires 125 volt electrical power. This unit can be operated with input current ranging from 120 to 240 VAC and will output 7500 watt 125 Volt DC current at 60 amps. This power converter features a rugged design, making it suitable for construction use. This converter includes integral short circuit, over voltage, over temperature and overload protection that will shut down the unit or reduce output in case of faults and overloads to protect the unit and connected equipment from damage.

**Features:** The DCP-60-DP-125VDC-WP 7500 watt converter features full range, universal AC input capability and can be operated with 120 to 240VAC. The unit converts this AC power input to 7500 watt, 60 Amp 125VDC. Integrally designed protection includes overload, short circuit, over temperature and over voltage safeguards to prevent overheating and unit damage in case of faults or overly heavy current draw. This unit will limit current when an over current condition is encountered and recovers when the condition is removed. This unit will enter hiccup mode under short circuit conditions and recover when the fault is removed. The unit will also shut down when an over temperature condition occurs and recovers automatically when the temperature returns to normal levels.

This power converter has a -30 / +60C operating temperature range and is UL UL1012 and UL60950-1 compliant as well as compliant with worldwide safety regulations. This unit has a 90% conversion efficiency.



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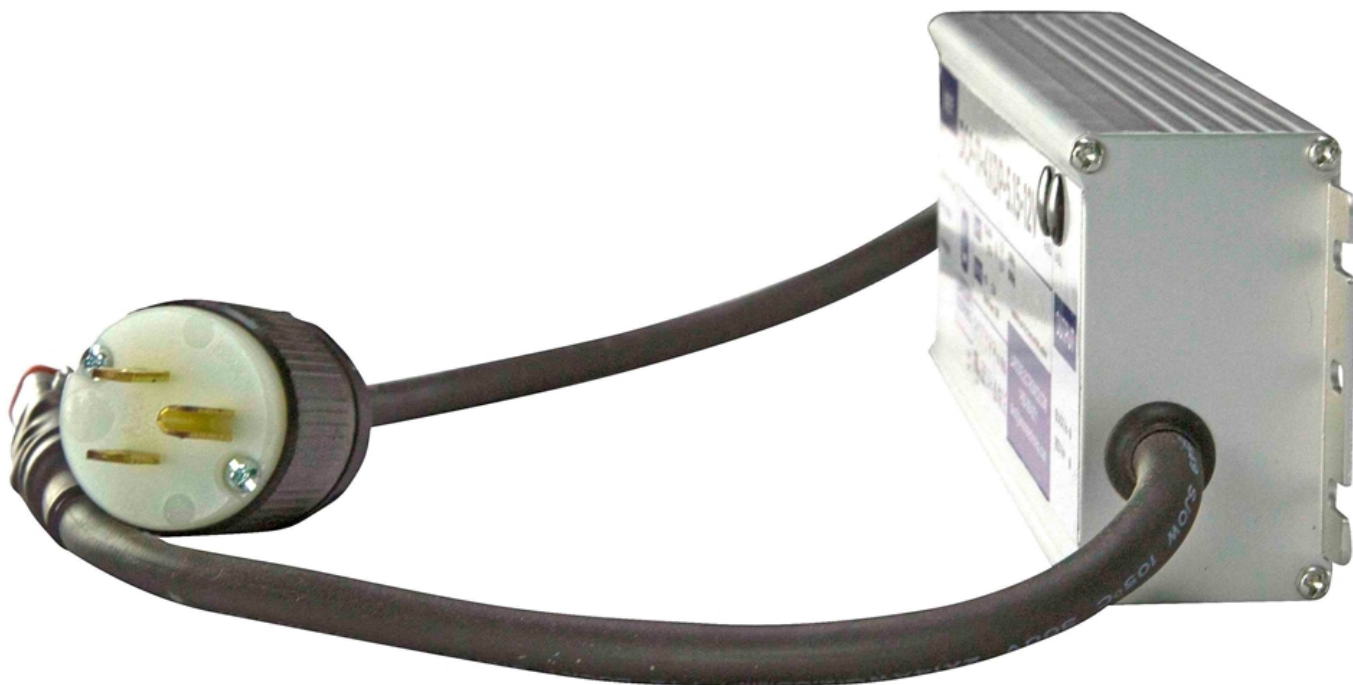
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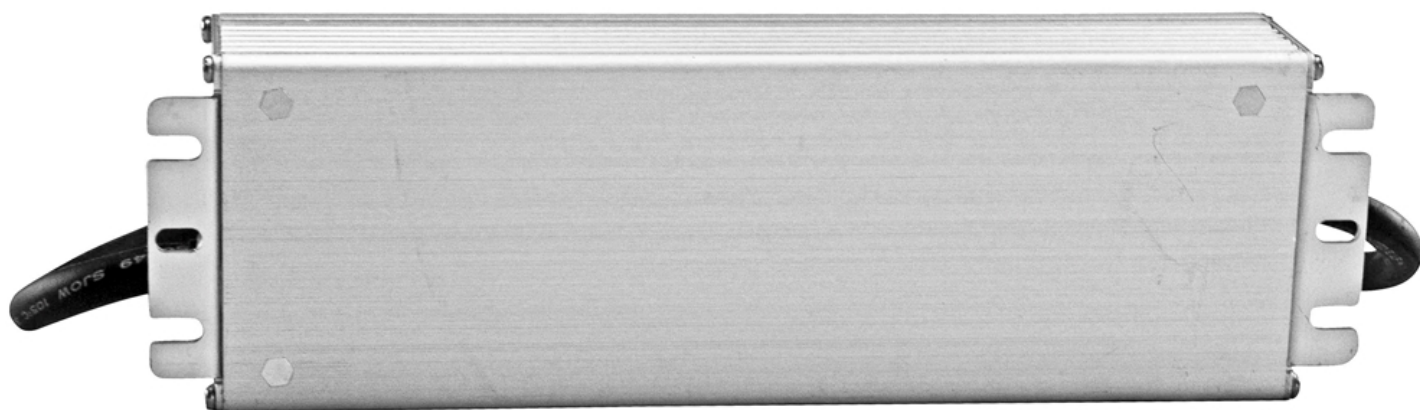
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## Frequently Asked Questions (FAQ)

There are no Faqs