Larson Electronics LLC
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DCP-25-DP-24V

Waterproof Transformer Converts 100-240V AC to 24 Volts DC - 5 Amp Max- Straight Blade Wall Plug

Product ID: 315148

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-25-DP-24V Power Converter

Line In Voltage: 100-240V AC @ 47~63 hz

Line Out: 24V DC @ 5A

Watts: 120W
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: Two Screw Slide Notches

Operating Temp: -30 / +60C

Efficiency: 90%

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

Weight: 1 Lbs

Features

IP67 Rated Waterproof
Overload, Short Circuit ,Over Voltage, Over Temperature Protection
NRTL UL1012 Compliant
NRTL UL60950-1 Compliant
International Lighting Safety Standards Compliant
Suitable For LED Moving Signs
Suitable For Wet or Damp Locations

Special Orders - Special Requirements

Contact us for special requirements

Toll Free: 1-800-369-6671
Intl: 1-903-270-1187

Fax: 1-903-498-3364

E-mail: sales@larsonelectronics.com

The Larson Electronics DCP-25-DP-24V Waterproof Power Supply converts commonly used 100-240V AC electrical current to 24V DC @ 5 amps. This converter includes a typical straight blade plug on the input end and a 2 prong Deutsch connector on the output end. This unit allows individuals to use standard AC power to operate equipment like our LED light bars and HID Golights that require low voltage DC current.
The DCP-25-DP-24V 120-watt power converter provides a safe and effective way

for users to tap into and utilize common 100-240 Volt AC power sources and convert this current to 24 Volts DC. This unit can be operated will output 120 watts with 24 Volt DC current. This power converter features an IP67 rated waterproof design, making it suitable for indoor or outdoor use and is wet-damp area approved. 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.

The small size and wide input voltage range of this unit make it ideal for indoor-outdoor operation of Larson Electronics LED light bars, Golights and other equipment. Measuring 9.6 inches long by 2.6 inches wide by 1.5 inches deep, this unit weighs approximately one pound and is mounted with two conventional screws via slots that allow removal and repositioning simply by loosening the screws.

This converter comes with a straight blade plug on the input lead and a two pin Deutsch connector on the output lead, allowing users to simply plug the unit into a typical wall outlet, then connect any of our 24 volt lights equipped with Deutsch connectors.

NOTE: In order to obtain the best performance and the longest operational life from these units, it is recommended that you do not exceed 75% of the unit's output amperage. Running these units at 100% of their capacity can create excess heat and lead to shortened converter life.

At Larson Electronics, we do more than meet your lighting needs. We also provide replacement, retrofit, and upgrade parts as well as industrial grade power accessories. Our craftsmen can custom build any lighting system and/or accessories to fit the unique demands of your operation. A commitment to honesty, quality, and dependability has made Larson Electronics a leader in the lighting and electronics business since 1973. Contact us today at 800-369-6671 or message sales@larsonelectronics.com for more information about our custom options tailored to meet your specific industry needs.

INPUT
(GREEN / YELLOW)
ACL (BROWN)
ACN (BLUE)
LARSON
ELECTRONICS
INPUT
OUTPUT
Rated Power:
50/60Hz
50/60Hz
Suitable for use in Dry, Damp and Wet Locations
SELV IP65
LARSONELECTRONICS.COM
1-800-369-6671
sales@larsonelectronics.com
Vo ADJ.
Io ADJ.
OUTPUT
(BLACK) Vo-
(RED) Vo+

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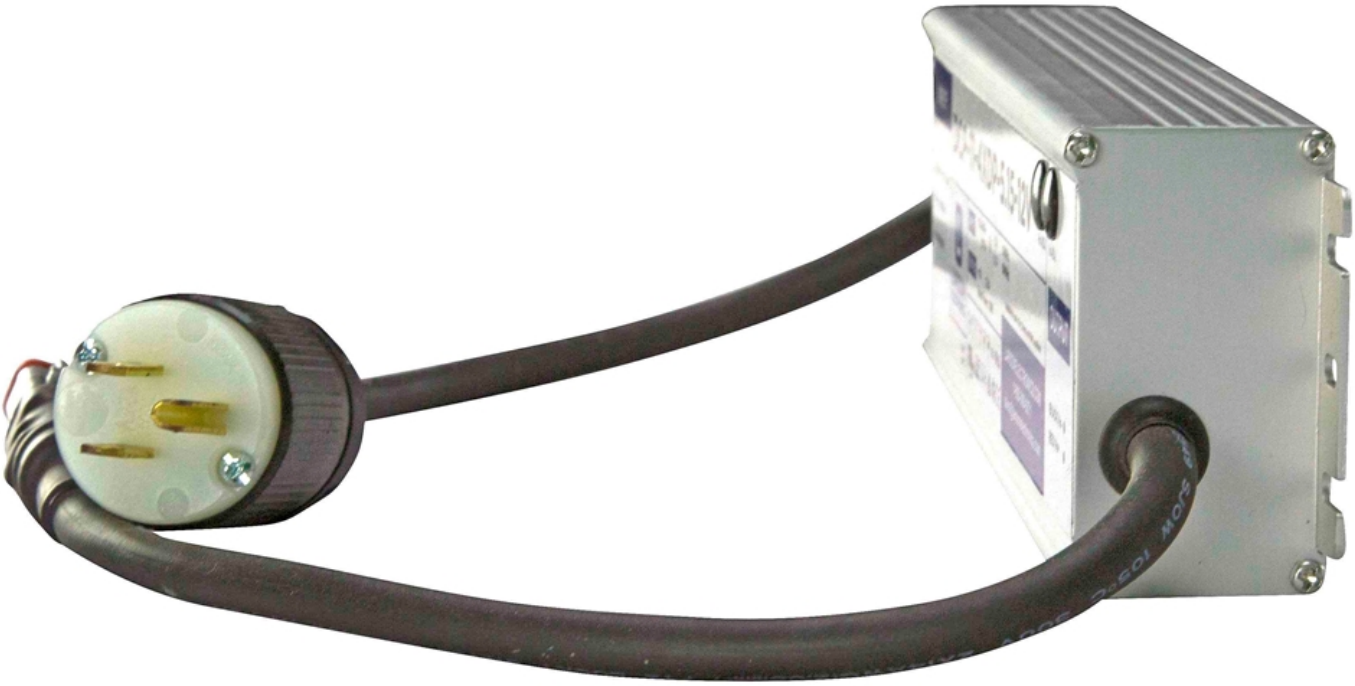

Frequently Asked Questions (FAQ)