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DCP-16-12V-300W-25FT-515P

300W Waterproof Transformer Converts 120-277V AC to 12V DC - 25' Cord w/ 5-15P Plug

Product ID: 326311

Please see last page for supporting documentation for this product (certificates, CAD files & drawings, IES files, wiring diagrams, etc).



Image: DCP-16-12V-300W-25FT-515P

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-16-12V-300W-25FT-515P Power Converter

Line In Voltage: 100-277V AC @47~63 hz

Line Out: 12V DC

Watts: 300W
AC Input: 25' SOOW Cord w/ 15A 5-15P 125V Plug
DC Output: 1` Pigtail, Stripped/Tinned Leads
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 lb

Features

IP67 Rated Waterproof
Overload, Short Circuit ,Over Voltage, Over Temperature Protection
NRTL Compliant to UL1012
NRTL Compliant to UL60950-1
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
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The Larson Electronics DCP-16-12V-300W-25FT-515P Waterproof Power Supply converts commonly used 100-277V AC electrical current to 12V DC. This converter is designed to be hardwired (output) into building, boat or vehicle electrical supplies

where the voltage is typically within the 100-277V AC range and reduces it to 12V DC, allowing users to use standard AC power to operate equipment like our LED light bars and HID Golights that require low voltage DC.

The DCP-16-12V-300W-25FT-515P 300-watt power converter provides a safe and effective way for users to tap into and utilize common 100 to 277 Volt AC power sources and convert this current to 12 Volts DC. This unit can be operated with input current ranging from 100 to 277V AC and will output 300-watt 12V 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 that requires 12V DC current and anywhere 12V DC power is not readily available. 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 features a 25' SOOW cord with a 15-amp 125V 5-15P straight blade plug on the primary side.

This power converter has a -30 / +60C operating temperature range and is NRTL compliant to UL1012 and UL60950-1 as well as compliant with worldwide safety regulations for lighting. This unit has a 90% conversion efficiency and is suitable for use with moving LED signs and similar LED equipment. These units also feature Power Factor Correction, adjustable output current range from 8~ 16A either through the output cable or internal potential meter and have an input frequency range of 47 ~ 63Hz.

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. To determine if this converter suits your desired application, add together the total wattage of the equipment you intend to use with this unit and divide this total by 12 volts to find the total amperage draw that will be placed upon the converter. 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.

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Frequently Asked Questions (FAQ)

There are no Faqs

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