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DCP-220V-125V-56A-6FT-100FT

7 KW AC to DC Converter - 220V AC 60 Hz Input, 125V DC Output - 56 Amps, Adjustable - 6' Input/100' Output Cords

Product ID: 316047

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

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-220V-125V-56A-6FT-100FT AC to DC Converter

Unit Type: AC to DC Power Converter
Dimensions: 5.19"H x 20.47"W x 16.92"D
Weight: 35 Lbs
Input Voltage: 220V AC +/- 10%
Input Frequency: 60 Hz
Input Phase: Single Phase+ 3 Wires
Output Voltage: 0-125V DC, Adjustable
Output Current: 56A, 0-56A Adjustable
Watts: 7,000W
Output Voltage Stability In Line Regulation: 0.5% FS
Output Voltage Stability In Load Regulation: 0.5% FS
Ripple: 0.5%+10mV @ Rated Voltage (RMS)
Voltage and Current Control Mode: CV and CC, Voltage and Current Adjusted by Potentiometer Knobs or Press buttons
Display and Operation: LCD Digital Displaying, Output Voltage and Current Meters. Manual Buttons and Adjust Knobs for Voltage, Current, Start and Stop
Remote: Modbus Protocol, RS232 or RS485
Accuracy for DC Power Supply (Voltage): 0.2% mV
Accuracy for DC Power Supply (Current): 0.2% mA
Setup Resolution for DC Power Supply (Voltage): 0.1 V
Setup Resolution for DC Power Supply (Current): 1,000 mA
Meter: 4-digit Meters for Current and Voltage
Protection: Input Over Voltage, Output Current Limiting, Short Circuit, Overheat and Overload
Efficiency: 88%
Transient Response: 10000 ms
Overload: 110% for 1 Second
Noise: 65 db @ 3.2'
Operating Temp: -0 to +40C
Mounting: Rack Mount
Wiring: 6' 16/3 Input Cord, 100' 12/3 Output Cord

Features
IP20 Rated

Special Orders - Special Requirements
Contact us for special requirements
Toll Free: 1-800-369-6671
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The Larson Electronics DCP-220V-125V-56A-6FT-100FT AC to DC Converter is designed for power conversion and applications in work areas. This unit converts commonly used 220V AC 60 Hz electrical voltage to 125V DC @ 56 amps. The converter includes a 6' cord on the input side and a 100' cord on the output side.

The DCP-220V-125V-56A-6FT-100FT 7,000-watt power converter provides a safe and effective way for users to tap into and utilize 220V AC 60 Hz power sources and convert this current to 125V DC. This unit can be operated with input 220V AC +/- 10% and will output 125V DC current (adjustable) at 56 amps. This power converter features an IP20 rated design, making it suitable for indoor use and

includes input over voltage, output current limiting, short circuit, overheat and overload protection.
The converter delivers 88% efficiency during use. Operators can view the LCD display for status monitoring. Remote communication features include Modbus, RS232 and RS485. The ports are located at the back of the unit. Accessible cables include a 6' cord on the input side and a 100' cord on the output side.
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)

Export Control Classification Number (ECCN): EAR99

Links (Click on the below items to view):

- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**