

MT-DC-125V-500W-24V-RM

500W DC to DC Converter – 125V DC Input to 24V DC Output – 20 Amps – Rack Mount

Product ID: 333450

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



Image: MT-DC-125V-500W-24V-RM

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.

MT-DC-125V-500W-24V-RM DC to DC Converter

Device Type: DC to DC Converter

Input DC Voltage: 125V DC (100-150VDC Range)

Frequency Range: N/A

Output DC Voltage: 24V DC

Output DC Current For Load: 20 A

Rated Power: 500W

Communication: (1) RS485

Efficiency: $\geq 85\%$

Load Regulation: $\leq \pm 0.5\%$

Power Regulation: $\leq \pm 0.2\%$

Dynamic Response: 100usMax

Phone Scale Noise Voltage: ≤ 2 mV

Peak - peak Noise Voltage: ≤ 100 mV

Current Deviation: $\leq \pm 5\%$

Temperature Coefficient: 0.02% °C

Over-temperature protection: 95 ± 5 °C

Insulation Strength: Leakage Current < 30 mA

Insulation Resistance: ≥ 20 M Ω

MTBF: 100000 hrs.

Ratings

Approved to EN/IEC 62368-1

Approved to UL/CSA 62368-1



Working Temperature: -5°C to +45°C

Storage Temperature: -10°C to +85°C

Working Humidity: 5-95%, Non-condensing

Mount Design: 19 inch Rack 2U

Unit Dimensions: 18.98"-L x 9.45"-W x 3.46"-H

Shipping Dimensions: 24"-L x 14.17"-W x 6.7"-H

Net Weight: 19.8 lbs

Gross Weight: 24.25 lbs

Special Orders - Special Requirements

Contact us for special requirements

Toll Free: 1-800-369-6671

Intl: 1-903-270-1187

Fax: 1-903-765-7664

E-mail: sales@larsonelectronics.com

The MT-DC-125V-500W-24V-RM from Larson Electronics is a DC to DC Converter that is designed to convert input voltages ranging between 125V DC to 24V DC at 20 amps. The 500-watt unit is suitable for use in industrial-related installations, electro-mechanical applications, semi-conductor fabrication equipment and factory automation.

Features: The heavy-duty DC to DC converter offers an input range of 125V DC . On the output side, low voltage 24V DC is provided at 20 amps. This 500-watt unit offers ≥83% efficiency. The industrial power converter comes with over voltage and over temperature protection.

Mount: This DC to DC converter is compatible with rack mounting installations.

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.



Frequently Asked Questions (FAQ)

There are no Fags

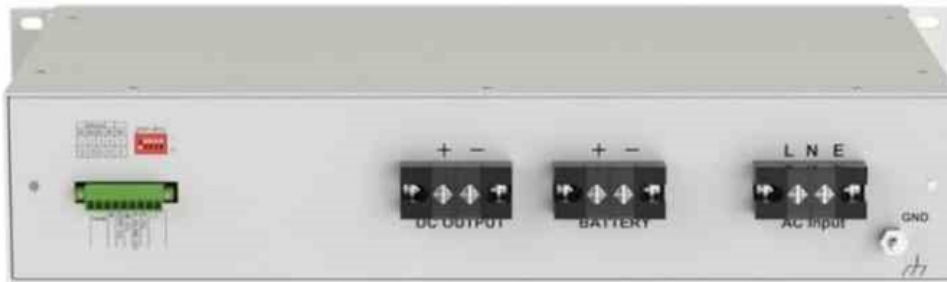


Image: MT-DC-125V-500W-24V-RM



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Export Control Classification Number (ECCN): EAR99



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