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MT-PSU-ADC-R7-3P-432.528VAC-100KW-1000VDC-N1-M1

100 KW AC to DC High Voltage Power Supply, 432-528V AC 3-Ph Input to 0-1000V DC Output, 50/60HZ, NEMA 1, Mobile with Casters

Product ID: 346841

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.

MT-PSU-ADC-R7-3P-432.528VAC-100KW-1000VDC-N1-M1 AC to DC Power Supply

Unit Type: AC/DC High Voltage Power Supply
Phase: Three Phase
Dimensions: 14.8"-L x 8.3"-W x 5.1"-H
Weight: 13.9 Lbs
Input Voltage: 432-528V AC, 3-phase
Rated Input Frequency: 50/60Hz
Output Voltage: 0-1000V DC
Output Current: 0-100 A
Rated Output Power: 100 KW
Efficiency: ≥85%.
Output Ripple (V_{P-P}): ≤ 2%
Voltage Adjustment Rate: Peak-to-peak combined ripple and noise does not exceed 2% of nominal output measured with a 20 MHz bandwidth
Blocking Diode: Included, Integrated Blocking Diode w/ 1200V DC Reverse Voltage Rating
Output Cables: Included, 100ft
Cooling Form: Air cooling and heat dissipation
Protection Degree: NEMA 1
Communication: LXI TCP/IP Ethernet
Circuit Protection: Completely protected against a short circuit of any duration. The current is nominally set at 120% of full load. The output voltage automatically restores to normal when the short is removed
Over Temperature Protection: Output shut down if maximum case temperature limit is exceeded
Operating Temperature Range: -25°C to +50°C
Materials: Gold Alodine
Mount: Mobile with Casters
Color: Gold

Ratings/Features

Program And Software Controllable
Compatible With LabView
Arbitrary Waveform Generation
NTRL Listed
Made in the USA

Special Orders - Special Requirements

Contact us for special requirements

Intl: 1-903-270-1187
Toll Free: 1-800-369-6671
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The MT-PSU-ADC-R7-3P-432.528VAC-100KW-1000VDC-N1-M1 from Larson Electronics is a single phase AC/DC Power Supply that provides accurate voltage control and power management features for industrial operations. This AC/DC Power Supply unit is compatible with 432-528V V AC @ 50/60Hz input voltage and provides 0-1000V DC output voltage. Equipped with protective functions. This power supply is compatible

with rack mounting installations or can be used as a standalone unit.

The MT-PSU-ADC-R7-3P-432.528VAC-100KW-1000VDC-N1-M1 is a compact AC/DC power supply accepts an input voltage range of 432-528V V AC @ 50/60Hz and offers an output voltage of 0-1000V DC. This MT-PSU-ADC-R7-3P-432.528VAC-100KW-1000VDC-N1-M1 device is rated at 100 KW, Featuring full Power Factor Correction in a rugged, compact chassis. The MT-PSU-ADC-R7-3P-432.528VAC-100KW-1000VDC-N1-M1 designed to meet MIL-S-901 High Impact Shock, MIL-STD-810 Environmental Requirements, MIL-STD-1399 Input Requirements, MIL-STD-461 CE101, CE102 EMI Requirements.

Mounting: The MT-PSU-ADC-R7-3P-432.528VAC-100KW-1000VDC-N1-M1 is suitable for standalone use on flat surfaces with four bolts.

Applications: Industrial sites, factory control, automation, laser machines, manufacturing, voltage control, power management, digital broadcasting, RF applications, computerized systems and more.

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

Export Control Classification Number (ECCN): EAR99

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