Larson Electronics LLC
9419 E US HWY 175, Kemp, TX 75143
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PDU-ATS-100A-120.240V

100-amp Automatic Transfer Switch - 120/240V 1PH - 12V Power Supply - Aluminum - NEMA 3R

Product ID: 148412

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



Image: PDU-ATS-100A-120.240V

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.

PDU-ATS-100A-120.240V Automatic Transfer Switch

Unit Type: Automatic Transfer Switch
Dimensions: 20" x 14.6" x 7.09"
Weight: 20 lb
Voltage: 120/240 V 1PH
Amps: 100
Power Supply: Included
Power Supply Voltage: 12 V
Load Transition Type (Automatic): Open Transition
Materials: Aluminum
Finish: Electrostatically Applied and Baked Powder Paint
Mount: Wall or Surface, via (4) Screw Holes
Lug Range: 1/0 - #14

Larson Electronics manufacture a wide variety of custom power distribution systems. The pictures displayed for this unit are a general representation of form factor and may not accurately represent this exact configuration in every detail due to being one-time custom builds. The specifics for this configuration are listed in the specification table and one-line diagram.

Features/Ratings

NRTL Listed for Use in United States
NEMA 3R
Digital Power Technology (DPM)
10,000 Amps Withstand Rating
NRTL Certified to UL 1449

Special Orders - Special Requirements

Contact us for special requirements
Toll Free: 1-800-369-6671
Intl: 1-903-270-1187
E-mail: sales@larsonelectronics.com

Made in the USA

The PDU-ATS-100A-120.240V from Larson Electronics is an Automatic Transfer Switch that is ideal for managing electrical loads between two sources in industrial facilities. This 100-amp, 120/240 V single phase controller handles timing, sensing, exercise functions, and transfer commands. Constructed of aluminum, the unit is equipped with a 12 V power supply and is housed in a NEMA 3R enclosure.

The PDU-ATS-100A-120.240V offers accurate control of electrical power and loads, in locations where a backup generator or energy management system is installed. This 100-amp unit features 120/240V single phase compatability and an open type of load transition (automatic). The controller is designed to handle all commands related to the following: timing, sensing, exercise functions and transfers. During abnormal conditions, this unit can withstand a maximum of 10,000 amps.

Power Supply: The PDU-ATS-100A-120.240V includes and is equipped with a 12 V power supply that allows for proper operation of the unit. The inclusion of the 12 V power supply means that no other parts need to be purchased or added for this automatic transfer switch to function properly.

Finish: The automatic transfer switch is constructed of aluminum with electrostatically applied and baked powder paint.

Mounting: Operators may mount the NEMA 3R-rated unit on compatible walls or surfaces via four screw openings located at the back of the controller.

Applications: Backup generators, power management, energy systems, industrial facilities, commercial spaces 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

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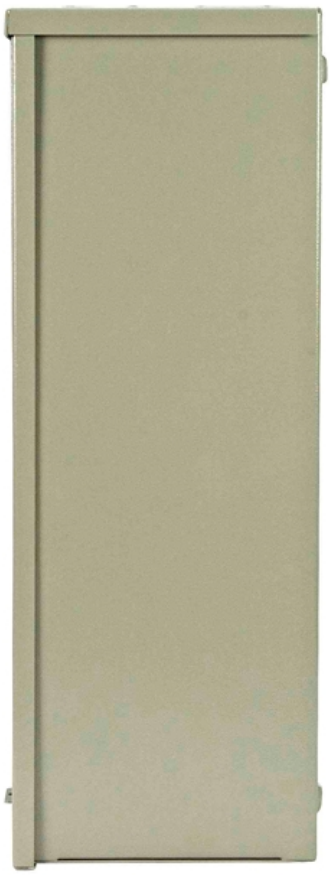


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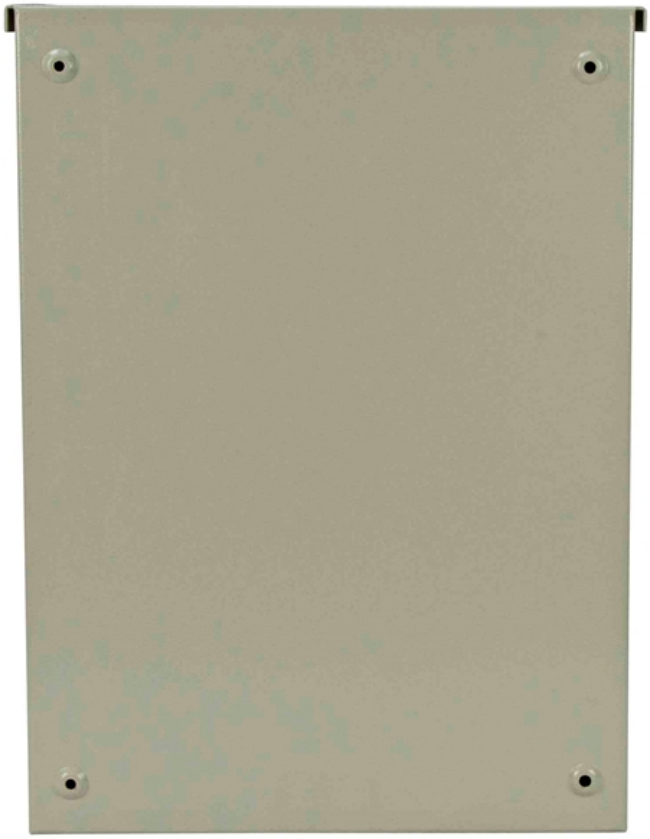


Image: PDU-ATS-100A-120.240V

Export Control Classification Number (ECCN): EAR99

Links (Click on the below items to view):

- **Operations Manual**(https://www.larsonelectronics.com/images/product/Manual/148412.PDF)
- **Wiring Diagram**(https://www.larsonelectronics.com/images/product/WiringDiagram/148412.PDF)
- **HigResPic1**(https://www.larsonelectronics.com/images/product/HigResPic1/148412.JPG)
- **HigResPic2**(https://www.larsonelectronics.com/images/product/HigResPic2/148412.JPG)
- **HigResPic3**(https://www.larsonelectronics.com/images/product/HigResPic3/148412.JPG)
- **HigResPic4**(https://www.larsonelectronics.com/images/product/HigResPic4/148412.JPG)
- **HigResPic5**(https://www.larsonelectronics.com/images/product/HigResPic5/148412.JPG)
- **HigResPic6**(https://www.larsonelectronics.com/images/product/HigResPic6/148412.JPG)
- **HigResPic7**(https://www.larsonelectronics.com/images/product/HigResPic7/148412.JPG)
- **HigResPic8**(https://www.larsonelectronics.com/images/product/HigResPic8/148412.JPG)
- **HigResPic9**(https://www.larsonelectronics.com/images/product/HigResPic9/148412.JPG)
- **Video1**(https://www.youtube.com/watch?v=GgszulM2y60)
- **ISO 9001 Certification**(http://larsonelectronics.com/images/pdfdocs/ISO9001.PDF)
- **Business Certificate**(https://www.larsonelectronics.com/images/pdfdocs/w9.PDF)
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