

ATEX-EPL-TX-6A-24V

Explosion Proof & ATEX/IECEx Power Supply - 120-240V AC Input - 24V DC Output - 6 Amps Max

Product ID: 319154

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



Image: ATEX-EPL-TX-6A-24V

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.

ATEX-EPL-TX-6A-24V Explosion Proof Power Supply

Type: Explosion Proof Power Supply

Case Dimensions: 17"H x 11"W x 7.25"D

Weight: 51 lb

Temperature Rating: -30°C to +70°C

Input Voltage: 120-240 V AC

Output Voltage: 24 V DC

Watts: 144

Efficiency: 81%

Amps: 6 Amps @ 24 V DC

Case Material: Aluminum

Wiring Hubs: 1/2" or 3/4" Threaded NPT Hubs

Ratings/Features:

Listed for United States, Canada, Europe, Asia

Class I, Div. 1 & 2, Groups B, C, D

Class I, Zones 1 & 2, Groups IIB+H2, IIA

Class II, Div. 1 & 2, Groups E, F, G

Class III, Div. 1 & 2

NEMA Type 3, 4, 4X, 7 (B,C,D), 9 (E,F,G)

ATEX Ex II 2 G / D

IECEx db IIC Gb

IECEx tb IIC Db IP66

NRTL Certified to UL 879 / UL 1310

CAN/CSA C22.2 No. 223-M91

IP67 Waterproof Rating

Special Orders - Requirements

Contact us for special requirements

Toll Free: 1-800-369-6671

Intl: 1-903-270-1187

E-mail: sales@larsonelectronics.com

The ATEX-EPL-TX-6A-24V from Larson Electronics is an Explosion Proof Power Supply that takes 120-240 V AC and converts it into either 24 V DC. This allows operators to use equipment such as LED or HID lights that require 24 V DC power from commonly used 120/240V electrical current. The ATEX-EPL-TX-6A-24V is rated for Class I Divisions 1 & 2 Groups C and D, Class II Division 1 Groups E, F and G and Class III Divisions 1 & 2 hazardous areas and is ATEX/IECEX rated and listed for use worldwide including the United States, Canada, Europe and Asia.

The ATEX-EPL-TX-6A-24V features durable aluminum construction and a choice of 1/2" or 3/4" NPT hub sizes. The precision cast and machined surface permit safer wire pulling and the precision NPT-threaded hubs allow for trouble-free field installation of rigid conduit.

The ATEX-EPL-TX-6A-24V explosion proof power supply features full range, universal AC input capability and can be operated with 120 V to 240 V AC. The unit converts this AC power input to 144 watt, 6 Amp 24 V DC output. Integrally designed protection includes overload, short circuit and over voltage safeguards to prevent overheating and unit damage in case of faults or overly heavy current draw. This unit will shut down when an over current fault is encountered and automatically resume operation once the fault is repaired or removed. When an over voltage condition is encountered the unit will shut down and recovers when manually turned back on.

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: ATEX-EPL-TX-6A-24V

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ATEX-EPL-TX-6A-24V

Product ID: 319154

Warranty: 36 Months.

Export Control Classification Number (ECCN): EAR99

Options:

ATEX-EPL-TX-6A-24V-Hub Config

Example: ATEX-EPL-TX-6A-24V-0.5IN

Hub Config	
1/2 INCH	-0.5IN
3/4 INCH	-0.75IN



Links (Click on the below items to view):

- **Wiring Diagram**(<https://www.larsonelectronics.com/images/product/WiringDiagram/319154.PDF>)
- **HigResPic1**(<https://www.larsonelectronics.com/images/product/HigResPic1/319154.JPG>)
- **HigResPic2**(<https://www.larsonelectronics.com/images/product/HigResPic2/319154.JPG>)
- **HigResPic3**(<https://www.larsonelectronics.com/images/product/HigResPic3/319154.JPG>)
- **HigResPic4**(<https://www.larsonelectronics.com/images/product/HigResPic4/319154.JPG>)
- **HigResPic5**(<https://www.larsonelectronics.com/images/product/HigResPic5/319154.JPG>)
- **HigResPic6**(<https://www.larsonelectronics.com/images/product/HigResPic6/319154.JPG>)
- **HigResPic7**(<https://www.larsonelectronics.com/images/product/HigResPic7/319154.JPG>)
- **HigResPic8**(<https://www.larsonelectronics.com/images/product/HigResPic8/319154.JPG>)
- **ISO 9001 Certification**(<http://larsonelectronics.com/images/pdfdocs/ISO9001.PDF>)
- **Business Certificate**(<https://www.larsonelectronics.com/images/pdfdocs/w9.PDF>)
- **Shipping Time Map**(<https://www.larsonelectronics.com/images/product/ShippingTimeMap/ShippingTimeMap.pdf>)