Larson Electronics LLC
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EPL-RPS-24V-1X-200AH

Portable Explosion Proof Power Supply - Single 24V DC C1D1 Outlet - Rechargeable 200ah Battery

Product ID: 243899

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.

EPL-RPS-24V-1X-200AH Explosion Proof Power Supply

Line-in Wiring: 25` 16/3 SOOW Explosion Proof Plug

Line-in Voltage: 120V AC or 220V AC

Line-Out: (1) 2023 C1D1 Twist Lock Receptacle

Line-Out Voltage: 24V DCReceptacle

Dimensions: 30”-H x 14”-D x 24”- W

Weight: 250 lbs

Mounting: Portable Dolly Cart with Wheels

Ratings: Class 1 Division 1 - Explosion Proof

Battery: 200ah Sealed Lead Acid

All grounding shall comply with state and local codes and meet the minimum requirements of the National Electronic Code section 250

Features/Ratings

Class 1 Division 1 Explosion Proof

2023, Class 1 Div 1 Twist Lock Receptacle

20 Amp Primary Rating

Special Orders - Special Requirements

Contact us for special requirements

Toll Free: 1-800-369-6671

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E-mail: sales@larsonelectronics.com

Made in the USA

The Larson Electronics EPL-RPS-24V-1X-200AH explosion proof power supply enables operators to power low voltage LED lights via a single Class 1 and 2, Division 1 and 2

receptacle. Once the encapsulated 200ah sealed lead acid battery is depleted, operators can plug this unit into an explosion proof or standard high voltage outlet to charge the unit overnight within the hazardous location. When paired with Larson Electronics' EHL-LED explosion proof LED hand lamps, operators can run one hand lamp for 42 hours on a single full charge.

PLEASE NOTE: ANY FREE SHIPPING OFFERS DO NOT APPLY TO POWER DISTRIBUTION PANELS, TRANSFORMERS, OR SUBSTATIONS

The EPL-RPS-24V-1X-200AH explosion proof portable power supply from Larson Electronics is built to provide operators in hazardous locations with a method of power low voltage hand lamps. The output voltage is factory configured for 24V DC. This unit includes one explosion proof receptacle rated at 20 amps. This compact power distribution system is designed for portability and convenience as well as durability and is mounted to a wheeled, non-sparking aluminum frame for added protection.

The output side is equipped with one 2023, Class 1, Division 1 receptacle, designed to accept a twist lock plug like our EPP-15A and EPP-20A explosion proof plugs. The explosion proof enclosure contains two 100ah AGM batteries and charger/maintainer systems. This explosion proof battery system comes standard with a 25 foot, 16/3 SOOW cord terminated with an amp explosion proof male plug. The battery charger is factory configured to operate on 120V AC 50/60 Hz or 220V AC 50/60 Hz (one voltage only, not a range). The EPL-RPS-24V-1X-200AH is designed to be charged within Class 1 Division 1 classified areas.

PLEASE NOTE: EHL-LED-7W-50LV-EPP and EHL-LED-7W-100LV-EPP LAMPS SOLD SEPARATELY

Larson Electronics.com can build transformers to your specifications. If this model does not meet your needs, please contact us at 1-800-369-6671 or sales@larsonelectronics.com.

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Frequently Asked Questions (FAQ)

EPL-RPS-24V-1X-200AH
Product ID: 243899

Harmonized System (HS) Code: 85131000
Export Control Classification Number (ECCN): EAR99

Options:
EPL-RPS-24V-1X-200AH-Input Voltage
Example: EPL-RPS-24V-1X-200AH-120V

Input Voltage	
120V	-120V
220V	-220V
240V	-240V
277V	-277V

Links (Click on the below items to view):

- **HigResPic1**
- **Video1**
- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**