

Portable Explosion Proof Power Supply - (4) Low Voltage DC C1D1 Outlets - Rechargeable 140ah Battery

Part #: EPL-RPS-140A

**Made in the USA**

The Larson Electronics EPL-RPS-140A explosion proof power supply enables operators to power low voltage LED lights via four Class 1 and 2, Division 1 and 2 receptacles. Once the encapsulated 140ah 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 4 hand lamps 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-140A 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 12V DC or 24V DC (one voltage only, not a range). This unit includes four explosion proof receptacles rated at 20 amps each. 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 four 2023, Class 1, Division 1 receptacles designed to accept twist lock plugs like our EPP-15A and EPP-20A explosion proof plugs. The explosion proof enclosure contains two 70ah 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-140A is designed to be charged within Class 1 Division 1 classified areas.

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.

Specifications / Additional Information

EPL-RPS-140A Explosion Proof Power Supply

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

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

Line-Out: (4) 2023 C1D1 Twist Lock Receptacles

Line-Out Voltage: 12V DC or 24V DC Receptacles

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: 140ah Sealed Lead Acid

Features/Ratings

Class 1 Division 1 Explosion Proof

2023, Class 1 Div 1 Twist Lock Receptacles

20 Amp Primary Rating

Special Orders- Requirements

Contact us for special requirements

Toll Free: 1-800-369-6671

Intl: 1-903-498-3363

E-mail: sales@larsonelectronics.com

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

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[Part #: EPL-RPS-140A \(68865\)](#)

Options:

EPL-RPS-140A- INPUT VOLTAGE - OUTPUT VOLTAGE

Example: EPL-RPS-140A-120V-12VDC

INPUT VOLTAGE		OUTPUT VOLTAGE	
120V	-120V	12V DC	-12VDC
220V	-220V	24V DC	-24VDC
240V	-240V	12V AC	-12VAC
277V	-277V	24V AC	-24VAC









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- [MSDS](#)