

## Explosion Proof Uninterruptible Power Supply - 120V - (6) Receptacles - 10' Cord w/ Cord Cap EXP-UPS-120V-750VA-6X-10C-V1

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



### EXP-UPS-120V-750VA-6X-10C-V1 Explosion Proof Battery Backup

**Unit Type:** Explosion Proof Uninterruptible Power Supply

**Dimensions:** 22.38" x 28.38" x 13.75"

**Weight:** 438 lbs

**Input/Output Voltage:** 120V AC, 50/60Hz +/- 3Hz (Input Auto-sensing)

**Output Power Capacity:** 500W/750VA

**Max Configurable Power:** 500W/750VA

**Output Voltage Distortion:** Less Than 5%

**Waveform Type:** Sine Wave

**Battery Type:** Maintenance-free Sealed Lead-Acid w/ Suspended Electrolyte, Leakproof

**Recharge Time:** 3 Hours

**Expected Battery Life :** 3-5 Years

**Surge Energy Rating:** 540 Joules

**Filtering:** Full-time Multi-pole Noise Filtering: 0.3% IEEE Surge Let-through: Zero Clamping Response Time

**Pushbutton:** On/Off (Black)

**Pilot Light:** Green

**Operating Temp:** 0°C to 40°C

**Operating/Storage Relative Humidity:** 0-95%

**Operating Elevation:** 0-10,000'

**Storage Temp:** -15°C to 45°C

**Storage Elevation:** 0-50,000'

**Enclosure Material:** Copper Free Cast Aluminum (less than 4/10 of 1%)

**Hardware Material:** Zinc Plated Steel

**Enclosure Finish:** Aluminum Lacquer Paint

**Mount:** Surface Mount Legs

**Receptacles:** (6) Accepts 5-15P and 5-20P EXP Cord Caps

**Wiring:** 10' Line-in Cord w/ EXP Cord Cap

**Cord Cap Options:** 5-15P or 5-20P

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

### Ratings/Approvals

Class I, Division 1&2 Groups B,C,D

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

Class II, Divisions 1&2, Groups E, F, G

Class III

Type 3, 4, & 4X

CENELEC/ATEX/IEC Ex

Ex d IIB + H2 T5 or T6

Ex tD A21 IP66

Tamb = + 60°C

### Special Orders- Requirements

Contact us for special requirements

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**The EXP-UPS-120V-750VA-6X-10C-V1 is an Explosion Proof Uninterruptible Power Supply (UPS) for flammable environments. This battery backup unit works with 120V AC 50/60 Hz (input and output) and**

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**contains six explosion proof receptacles at the top of the UPS. Protected by a copper-free cast aluminum enclosure, the NEMA-rated device comes with 10` of line-in cord and an explosion proof cord cap.**

The EXP-UPS-120V-750VA-6X-10C-V1 provides battery backup support for customer-provided equipment in combustible work sites. This UPS features 120V AC 50/60 Hz (+/- 3Hz) input and output compatibility. Equipped with an output power capacity and maximum configuration power of 500 watts/750 VA, this unit contains a leakproof maintenance-free sealed lead acid with suspended electrolyte battery. The battery takes approximately 3 hours to recharge and comes with an expected lifespan of 3-5 years. This UPS features a surge energy rating of 540 joules and full-time multi-pole noise filtering. An accessible black pushbutton is available for on/off functions on the enclosure, as well as a green pilot light for monitoring the status of the explosion proof UPS.

This unit is constructed of copper-free cast aluminum, equipped with steel bolts and includes a weatherproof gasket for a NEMA 3R/NEMA 4 protection rating. The battery backup device is finished in aluminum lacquer paint for durability and is designed for indoor and outdoor use, while providing a degree of protection against dirt, water and external ice formation.

**Receptacles:** Located at the top of the explosion proof UPS, operators may access six explosion proof receptacles for powering customer-provided equipment. The receptacles accept 5-15P and 5-20P explosion proof cord caps.

**Wiring/Mounting:** The EXP-UPS-120V-750VA-6X-10C-V1 comes with 10` of line-in cord with an explosion proof cord cap. Cord cap options include 5-15P or 5-20P. This explosion proof unit is compatible with surface-mount requirements.

**Applications:** Industrial facilities, hazardous locations, offshore refineries, marine locations, indoor/outdoor spaces, agricultural sites, ship yards, docks, chemical processing plants, flammable work sites 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](mailto: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)

**Options:**

**EXP-UPS-120V-750VA-6X-10C-V1-Cord Cap**

**Example: EXP-UPS-120V-750VA-6X-10C-V1-1523**

Cord Cap	
5-15P	-1523
5-20P	-2023-125V

Links (Click on the below items to view):

- [HigResPic1](#)
- [Video1](#)
- [ISO 9001 Certification](#)
- [Business Certificate](#)
- [Shipping Time Map](#)