Larson Electronics LLC
9419 E US HWY 175, Kemp, TX 75143
Phone: 800.369.6671

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.765.7664

EPEXC-100-20A-12-3

Explosion Proof 100 Foot SOOW Extension Cord - 20 Amp Continuous Service

Product ID: 71258

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



Image: EPEXC-100-20A-12-3

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.

EPEXC-100-20A-12-3 Explosion Proof Extension Cord
Amp Rating: 20 amp Continuous Service
Dimensions: Cord length-100 Feet Plug-2.78"-L 1.75"-W
Configuration: 2 Pole 3 Wire
Suitable Plug Cable Diameter: .538" to .639"
Wiring: 100` 12/3 SOOW Cable Terminated w/ (1) 5-20P or 6-20P Explosion Proof Straight Blade Plug and (1) 20 Amp Receptacle
Voltage: 125 Volts or 250 Volts

Plug / Outlet Certifications
Class 1 Div 1 Groups C and D
Class 2 Div 1 Groups F and G

Receptacle Specs: 1 Inline Receptacle
Configuration:2 Pole 3 Wire
Materials: Copper Free Aluminum
Dimensions: 3"-W X 5.69"-D X6.13"-H
Mating Plugs: ****EPP-15A, EPP-20-A****
Finish: Epoxy Powder Coat
U.L. Certification

Special Orders - Special Requirements
Contact us for special requirements
Toll Free: 1-800-369-6671
Intl: 1-903-270-1187
Fax: 1-903-765-7664
E-mail: sales@larsonelectronics.com

Made in the USA

The Larson Electronics EPEXC-100-20A-12-3 100` Explosion Proof extension cord allows

operators to safely extend the range of their explosion proof light or equipment cords beyond the boundaries of the hazardous work area.

These units are constructed of 100 feet of 12/3 SOOW explosion proof cord rated at 20 amps of continuous service. The cord is chemical and abrasion resistant and comes with an explosion proof receptacle installed on one end and an explosion proof plug installed on the other end. We also include an extra matching plug for operators to attach to their equipment which allows them to avoid any issues with plug and receptacle equipment compatibility with this cord.

The plugs on these units are of a twist lock design. In order for a secure and working connection to take place, the operator must insert the plug and twist until it locks into place. This ensures a safe seal is made before any sparks from electrical contact can take place. To ensure the highest safety, operators should make connections outside of the hazardous area.

We offer this unit in a 125V or 250V configuration. Each receptacle`s contacts are deep recessed to avoid accidental contact and will accept standard non explosion proof plugs that are NEMA 5-20R, or 6-20R compatible although explosion proof plugs must be used to preserve explosion proof approval in hazardous environments. Ordinary location plugs will NOT activate this cord`s explosion proof receptacles.

Click Photos to Enlarge

These explosion proof extension cords are preconfigured in 125V (left) or 250V (right). Each unit is equipped with a 20 amp explosion proof cord cap and rated for 20 amps of continual service. The outlets are a twistlock design. The deep recessed contacts in the receptacle housing prevents ordinary and wet location plugs from activating the explosion proof outlets.



125V 5-20P Explosion Proof Straight Blade Plug



250V 6-20P Explosion Proof Straight Blade Plug



125V 5-15/20 Explosion Proof Outlet



Outlet accepts 15A and 20A Explosion Proof Plugs



Outlet accepts 6-15P and 6-20P Explosion Proof Plugs

Inter-Compatibility: The plugs on these cords will work with non-explosion proof standard receptacles (NEMA 5-20R, 5-20R, or 6-20R) and standard wall outlets, however, they must be used with explosion proof rated outlets to retain their explosion proof rating. The included plugs and

receptacle are cross-interchangeable with Crouse Hind™ part# ENPENP5201 plugs and receptacles and Hubble-Killiark part# UGP-20231 ACCEPTOR® plugs and receptacles. Any equipment requiring these C-H or H-B plugs should work with these cords. Due to possible manufacturer changes we cannot guarantee interchangeability although we have made every effort to ensure cross compatibility correctness.

Suggested Applications: Manufacturing, Industrial, Warehouse, Lighting, Explosion Proof Light Fixtures, Grinders, Wet areas or Locations Where Combustible Dust is Present.

Larson Electronics LLC
9419 E US HWY 175, Kemp, TX 75143
Phone: 800.369.6671

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.765.7664

Frequently Asked Questions (FAQ)

There are no Faqs

Larson Electronics LLC
9419 E US HWY 175, Kemp, TX 75143
Phone: 800.369.6671

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.765.7664



Image: EPEXC-100-20A-12-3

Larson Electronics LLC
9419 E US HWY 175, Kemp, TX 75143
Phone: 800.369.6671

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.765.7664



Image: EPEXC-100-20A-12-3

Larson Electronics LLC
9419 E US HWY 175, Kemp, TX 75143
Phone: 800.369.6671

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.765.7664



Image: EPEXC-100-20A-12-3

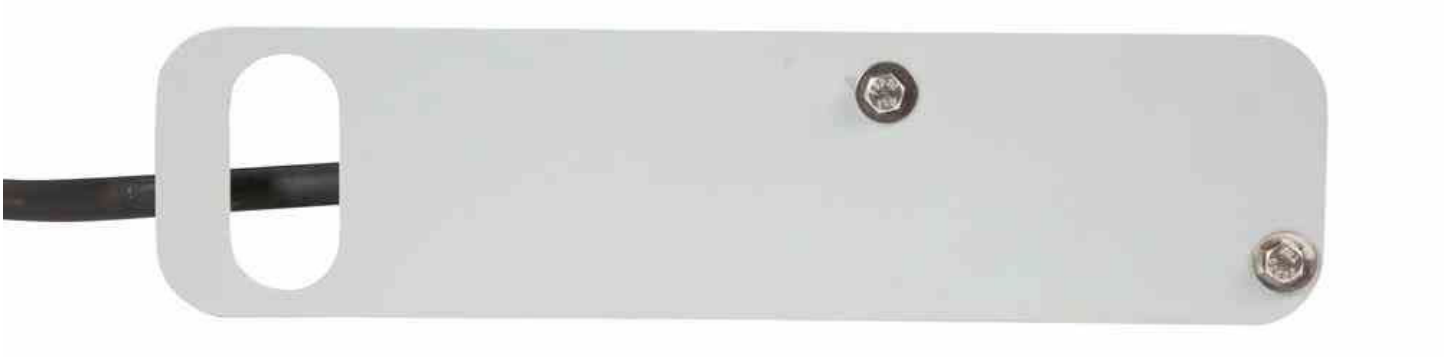


Image: EPEXC-100-20A-12-3

EPEXC-100-20A-12-3

Product ID: 71258

Export Control Classification Number (ECCN): EAR99

Options:

EPEXC-100-20A-12-3-Voltage
Example: EPEXC-100-20A-12-3-2023-125V

Voltage	
125V	-2023-125V
250V	-2023-250V

Links (Click on the below items to view):

- **Canadian CEC Certificate (Commonly referred to as CSA Certificate)**(https://www.larsonelectronics.com/images/product/CECCert/71258.PDF)
- **CE Certificate**(https://www.larsonelectronics.com/images/product/CECert/71258.PDF)
- **Certificate 1, Misc**(https://www.larsonelectronics.com/images/product/Cert1/71258.PDF)
- **Certificate 2, Misc**(https://www.larsonelectronics.com/images/product/Cert2/71258.PDF)
- **Certificate 3, Misc**(https://www.larsonelectronics.com/images/product/Cert3/71258.PDF)
- **MSDS (Material Safety Data Sheet**(https://www.larsonelectronics.com/images/product/Msds/71258.PDF)
- **Operations Manual**(https://www.larsonelectronics.com/images/product/Manual/71258.PDF)
- **RoHS Certificate (Restriction of Hazardous Substances)**(https://www.larsonelectronics.com/images/product/RoHSCert/71258.PDF)
- **SpecSheetSpanish**(https://www.larsonelectronics.com/images/product/SpecSheetSpanish/71258.PDF)
- **USA NEC Certificate (Commonly referred to as UL Certificate)**(https://www.larsonelectronics.com/images/product/NECCert/71258.PDF)
- **HigResPic1**(https://www.larsonelectronics.com/images/product/HigResPic1/71258.JPG)
- **HigResPic2**(https://www.larsonelectronics.com/images/product/HigResPic2/71258.JPG)
- **HigResPic3**(https://www.larsonelectronics.com/images/product/HigResPic3/71258.JPG)
- **HigResPic4**(https://www.larsonelectronics.com/images/product/HigResPic4/71258.JPG)
- **HigResPic5**(https://www.larsonelectronics.com/images/product/HigResPic5/71258.JPG)
- **HigResPic6**(https://www.larsonelectronics.com/images/product/HigResPic6/71258.JPG)
- **HigResPic7**(https://www.larsonelectronics.com/images/product/HigResPic7/71258.JPG)
- **HigResPic8**(https://www.larsonelectronics.com/images/product/HigResPic8/71258.JPG)
- **HigResPic9**(https://www.larsonelectronics.com/images/product/HigResPic9/71258.JPG)
- **HigResPic10**(https://www.larsonelectronics.com/images/product/HigResPic10/71258.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)