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

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
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EXC-100-60A-IP67-309.NA-3PH-250V-3P4W

100' 4/4 SOOW Weatherproof Extension Power Cord - 60 Amps Rated - 250V - 3P4W Plug/Connector

Product ID: 272401



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.

EXC-100-60A-IP67-309.NA-3PH-250V-3P4W- 100' 4/4 SOOW 60A Extension Cord

Device Series: IEC 60309 (North American Standard)
Cable Length: 100'
Weight: -
Cable Type: 4/4 SOOW

Cord Cap Specs

Amperage Rating: 60 A
Voltage: 250 V
Frequency: 50/60 Hz
Phase: 3-Phase Delta
Configuration: 3P4W (3P+N+E)
# of Poles: 3-Pole
# of Wires: 4-Wire
Max Voltage Rating: 250 V 3PH

Clock Hour: 9H

Cord Range: .670 - 1.625

Dielectric Voltage: 2000V for 1 min
# of Operations: > 1000 connects/disconnects under load, at full rated current and voltage

Minimum Withdrawal Force: 15 lb

Temperature Rise: Max +30°C at full-rated current after 50 cycles of OL at 150% rated current
Operating Temperature Range: -25°C to +65°C

Features

Certified for United States & Canada
NRTL Certified to UL 1682, UL 1686
NRTL Certified to CAN/CSA C22.2 No 182.1
CE Certified, Low Voltage Directive 73/23/EEC
CE Certified, Low Voltage Directive 93/68/EEC
NRTL Certified to 60309-1, 60309-2
CE Certified, Low Voltage Directive 93/68/EEC
NRTL Certified to 60309-1, 60309-2
RoHS Certified
Compatible with IEC 60309 Compliant Products
IP67/IP69K Rated Weatherproof
IK07 Rated Drop Resistant
Flame Retardant (UL94 V2)
Certified for Full Load Interrupting
Current Interrupting: Certified for current interrupting at full rated current
Corrosion Resistance: Ferrous parts immersed in 20°C, 10 percent ammonium chloride solution for 10 min
Flammability: Rated V-2 per UL 94
Ingress Protection Rating: IP67/IP69K
Moisture Resistance: Immersed for 24 hours in 5cm of 25°C water per UL 1682
Crush Test: 250 lb for 1 min after -25°C for 6 hrs
Impact Resistance: Drop from 30" 8 times after

Waterproof Rating: IP67, IP69K, NEMA 4X

Shock Resistance: IK09

Flammability: V-2 Rated

Insulation Resistance: 500V for 1 min; >= 5M

Cable Secureness: "Force: 150lb; Torque: 1.0 ft-lb; Max Disp: <= 3/32""

Seals: Neoprene

Material, Housing Body: Toughened PVC

Material, Housing Cover: Toughened PVC

Material, Contacts: Brass

Material, Contact Carrier: Nylon

Material, External Screws: Acid-Proof Stainless Steel

Material, Internal Screws: Zinc-plated steel

Material, Phase/Ground Sleeves: Brass

Material, Sleeve Spring: Stainless Steel

Material, Terminal Screws: Steel

Color: Blue

Shipping Dimensions: -

Shipping Weight: -

conditioning to -25°C for 6 hrs

Mating Plug: XLE-PA-IP67-309.NA-3PH-60A-250V-3P4W-P

Mating Receptacle: XLE-PA-IP67-309.NA-3PH-60A-250V-3P4W-R

Mating Connector: XLE-PA-IP67-309.NA-3PH-60A-250V-3P4W-C

Mating Inlet: XLE-PA-IP67-309.NA-3PH-60A-250V-3P4W-B

Cross Compatible: 460C9W

Connector Specs

Amperage Rating: 60 A

Voltage: 250 V

Frequency: 50/60 Hz

Phase: 3-Phase Delta

Configuration: 3P4W (3P+N+E)

# of Poles: 3-Pole

# of Wires: 4-Wire

Max Voltage Rating: 250 V 3PH

Clock Hour: 9H

Cord Range: .670 - 1.625

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Material, Internal Screws: Zinc-plated steel

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Material, Sleeve Spring: Stainless Steel

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CE Certified, Low Voltage Directive 93/68/EEC
NRTL Certified to 60309-1, 60309-2
RoHS Certified
Compatible with IEC 60309 Compliant Products
IP67/IP69K Rated Weatherproof
IK07 Rated Drop Resistant
Flame Retardant (UL94 V2)
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Current Interrupting: Certified for current interrupting at full rated current

Corrosion Resistance: Ferrous parts immersed in 20°C, 10 percent ammonium chloride solution for 10 min

Flammability: Rated V-2 per UL 94

Ingress Protection Rating: IP67/IP69K

Moisture Resistance: Immersed for 24 hours in 5cm of 25°C water per UL 1682

Crush Test: 250 lb for 1 min after -25°C for 6 hrs

Impact Resistance: Drop from 30" 8 times after conditioning to -25°C for 6 hrs

Mating Plug: XLE-PA-IP67-309.NA-3PH-60A-480Y.277-4P5W-P

Mating Receptacle: XLE-PA-IP67-309.NA-3PH-60A-480Y.277-4P5W-R

Mating Connector: XLE-PA-IP67-309.NA-3PH-60A-480Y.277-4P5W-C

Mating Inlet: XLE-PA-IP67-309.NA-3PH-60A-480Y.277-4P5W-B

Cross Compatible: 460C9W

Special Orders - Special Requirements

Contact us for special requirements

Toll Free: 1-800-369-6671

Color: Blue

Shipping Dimensions: -

Shipping Weight: -

Intl: 1-903-270-1187

Fax: 1-903-498-3364

E-mail: sales@larsonelectronics.com

Made in the USA

The EXC-100-60A-IP67-309.NA-3PH-250V-3P4W from Larson Electronics is a 100` weatherproof 4/4 SOOW extension power cord that is designed for heavy duty and outdoor applications. This rugged extension cord is constructed of 4-gauge 4-conductor wire, equipped with a blue 60-amp rated weatherproof IEC 60309 pin and sleeve cord cap and allows operators to extend power to equipment when stationary weatherproof outlets are not readily available.

The EXC-100-60A-IP67-309.NA-3PH-250V-3P4W extension cord provides a safe and effective way for operators to extend 250 V power to a variety of devices for plant maintenance, power generators, construction and other temporary applications. This unit consists of 100 feet of chemical and abrasion resistant flexible 4/4 SOOW cable that is terminated in a XLE-PA-IP67-309.NA-3PH-60A-250V-3P4W-P blue IEC 60309, 60-amp rated 3-pole, 4-wire cord cap with a clock hour setting of 9H. The other end contains a XLE-PA-IP67-309.NA-3PH-60A-250V-3P4W-C 3-pole, 4-wire female connector with a clock hour setting of 9H.

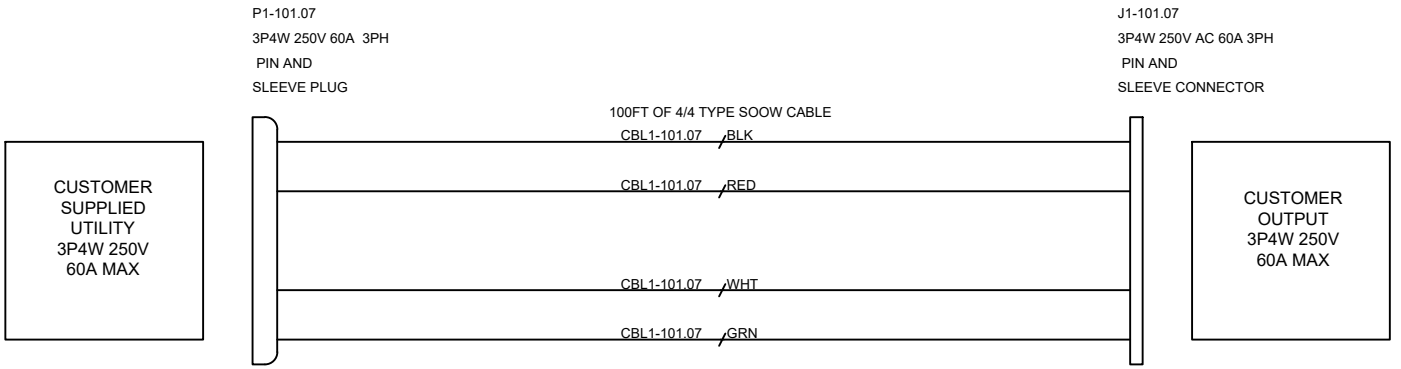
Applications: This extension cord is ideal for indoor or outdoor use and applications including but not limited to, generators, construction sites, plant maintenance, plant turnarounds, shows, exhibits, industrial equipment, uninterruptible power supplies (UPS battery backups), stage equipment, and shipyard operations. These industrial extensor cords are popularly used in applications where external power sources are often necessary. We also offer class rated extension cords for use within explosion proof and hazardous location environments.

Larson Electronics is a manufacturer and as such can build extension cords and portable transformer systems to your specifications. Although we carry several models of power distribution transformers, we can deliver custom ordered units almost as quickly as our prebuilt units If this model does not meet your needs, please contact us at 1-800-369-6671 or sales@larsonelectronics.com to discuss your specific requirements.

REV	DESCRIPTION	DATE
A	PRODUCTION RELEASE	11/20/2024

EXC-100-60A-IP67-309.NA-3PH-250V-3P4W

LARSON ELECTRONICS®



TAGS	QTY	CATALOG	DESCRIPTION
P1-101.07	1	UNV00002747	3P4W 60A 250V AC3PHASE PIN AND SLEEVE PLUG
J1-101.07	1	UNV00014837	3P4W 60A 250V AC 3PHASE PIN AND SLEEVE CONNECTOR
CBL1-101.07	1	UNV00008740	4/4 SOOW CABLE

LARSON ELECTRONICS

9419 E US HWY 175,
KEMP, TX 75143

TITLE: EXC-100-60A-IP67-309.NA-3PH -250V-3P4W

DRAWN BY	DATE	REV
A.HIRSH	11/20/2024	A
CHECKED BY	SHEET #	DRAWING #
J.Maldonado	1 OF 1	101

Frequently Asked Questions (FAQ)