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EV-SMCH-GPD-3P-480V-120KW-TLR

Temporary Electric Vehicle Charging Station w/ Diesel Generator - Level 3 Charger, (2) Ports - 150 Gallon Tank - Trailer Mount

Product ID: 312990

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.

EV-SMCH-GPD-3P-480V-120KW-TLR Level 3 Electric Vehicle Charging Station
Dimensions: 160"L x 48.50"W x 96.17"H
Weight: -

Diesel Generator Specs
Engine: -
Engine Speed: -
No. of Cylinders: -
Fuel Type: Diesel
Watts: 120 kW
Voltage: -
Battery: -
Receptacles: -
Fuel Tank Capacity: 150 Gallons
Runtime: -
Low Fuel Notification: Email and SMS Warning at 25% and 10%
Noise Level: -

EV Charger Specs
Voltage: 480V AC
Maximum Output: 62.5 kW
Amps: 125A
Charging Speed (RPH): 250 RPH
Charging Level: Level 3
Vehicle Compatibility: Nissan, Chevrolet, BMW, Ford, Tesla, Other
Power Module Ports: Double

Ratings/Approvals
DC Fast Charging
Supports 200V to 1000V Battery Packs
CCS1, CCS2 and CHAdeMO
Pair (2) Units
Built-in Cell Networking

Networking: Networked
Status Display: 20" LED Display - Large Format, LED Ring
Touchscreen: 10" LCD
Charge Station Management: Cloud/Remote, 24/7 Station Monitoring
Availability: Mobile App and In-dash Integration
Touchscreen: 10" LCD
Charging Rate: Set by Property Owner
Charging Payment Method: Official CP Mobile App (Credit System) or CP Card
Ambient Operating Temp Range: -
Material: -
Finish: -
Mounting: Trailer Mount
Cable Management: Straight
Cable Type/Length: (2) 12 Feet
Connectors: Universal Fast Charging - CCS1, CCS2 and CHAdeMO

Special Orders - Special Requirements
Contact us for special requirements
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Made in Texas

The EV-SMCH-GPD-3P-480V-120KW-TLR Temporary Electric Vehicle Charging Station w/ Diesel Generator from Larson Electronics is a temporary fast-charging station for electric vehicles. Powered by a 120 kW diesel generator, this station has two ports and offers Level 3 charging with 62.5kW output. The system is mounted to a sturdy skid platform for easy transportation and temporary deployment. This portable EV charging station can be used to charge Nissan, Chevrolet, BMW, Ford, Tesla and other electric vehicles compatible with the following open standard connectors: CHAdeMO, CCS1 (SAE J1772™ Combo) and CCS2 (IEC 61851-23).

The EV-SMCH-GPD-3P-480V-120KW-TLR is a portable fast charging station for temporary sites and remote areas. This unit features a single high-power DC charging station secured on a heavy-duty skid platform. Powered by a 120 kW diesel generator, the double-port station offers 62.5kW output at 125 amps. The Level 3 charger reaches up to 250 RPH (miles of Range per Hour) and 96% efficiency during charging. A large format 20" LED display notifies nearby individuals about charging availability. This temporary EV charging station supports 200V to 1,000V legacy and future battery packs.

Customers can make selections, see real-time charging updates and view instructional videos using a 10" LCD touchscreen on the station. A cloud-based management platform is available for 24/7 station monitoring by the property owner, as well as managing authentication and payment information. The EV charging station features a mobile app for checking real-time availability, managing payments and charging status of the station.

Payments: There are two ways for customers to pay for the EV charging service (applicable to stations with a fee): ChargePoint mobile app or ChargePoint card. To pay with any of the two options, simply tap your card or mobile phone with the official mobile app open and signed into your account on the station. This action unlocks the connector, allowing you to plug the unit into the vehicle. After charging is complete, tap the card or mobile phone with the official mobile app open and signed into your account on the station to finish the session (charging costs will appear on the screen).

Diesel Generator: Equipped with a 150-gallon fuel tank, the diesel generator has low fuel notification via email and sms. This feature notifies operators when fuel capacity reaches 25% and 10%.

Cables: Two 12-foot charging cords are available on the station. Guided by swing arms, the straight cables extend from the top of the unit and are compatible with the following open standard connectors: CHAdeMO, CCS1 (SAE J1772™ Combo) and CCS2 (IEC 61851-23).

Mounting: All system components are secured on a heavy-duty 14-foot trailer mount platform for seamless transportation, deployment and storage.

Suggested Applications: Electric vehicle charging, remote locations, temporary charging, delivery fleets, camp sites, commercial locations, parking lots, ports, apartment complex, events 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 for more information about our custom options tailored to meet your specific industry needs.

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Frequently Asked Questions (FAQ)



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- **Dimensional Drawing 2D**
- **HigResPic1**
- **HigResPic2**
- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**