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EV-SMCH-GPD-3P-480V-45KW-4XL2-M1

Temporary Electric Vehicle Charging Station w/ Diesel Generator - (4) Level 2 Chargers - Skid Mount

Product ID: 280178

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-45KW-4XL2-M1 Electric Vehicle Charging Station

Diesel Generator Specs

Engine: FPT F5C-F34
Engine Speed: -
No. of Cylinders: -
Fuel Type: Diesel
Continuous Watts: 42 kW
Standby Watts: 45 kW
Voltage: 480V 3-phase
Amps: 60A @ 0.9PF
Fuel Consumption (Gal/Hr.): 0.89 @ 25% Load, .1.79 @ 50% Load, 3.93 @ 100% Load
Fuel Tank Capacity: -
Runtime: 40 Hrs Charging 4 EVs Simultaneously, 80 Hrs Charging 2 EVs Simultaneously, 160 Hrs Charging 1 EV
Low Fuel Notification: -
Noise Level: -

EV Charger Specs

EV Charger Qty: (4)
Dimensions: -

Ratings/Approvals

NEMA 3R Indoor/Outdoor (EV Charger)
EPA Tier 4 Final Generator
SAE J1772 Connector
Up to 6x Faster Than Stock EV Charging Cables

Weight: -

Voltage: -

Phase: -

Maximum Output: 7.2 kW

Amps: 30A

Charging Speed (RPH): -

Charging Level: Level 2

Vehicle Compatibility: Nissan, Chevrolet, BMW, Ford, Tesla, Other

Power Module Ports: Single

Networking: None

Status Display: Indicator Lights

Delay Timer Settings: 2, 4, 6 and 8 Hours

Ambient Operating Temp Range: -

Material: -

Finish: -

Mounting: Skid Mount

Cable Management: Straight w/ Hangar Bracket

Cable Type/Length: (1) 18' Cable per Charger

Connector Type: SAE J1772 Connector

Special Orders - Special Requirements
Contact us for special requirements

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Made in Texas

The EV-SMCH-GPD-3P-480V-45KW-4XL2-M1 Temporary Electric Vehicle Charging Station w/ Diesel Generator from Larson Electronics is suitable for roadside assistance, emergency charging, temporary sites, commercial locations and remote areas. This station has four ports that offer Level 2 charging with 7.2 kW output (powered by a diesel generator). The skid-mount EV charging station can be used to charge Nissan, Chevrolet, BMW, Ford, Tesla and other electric vehicles compatible with SAEJ1772 adapters or connectors. Compared to stock EV charging cables, this system is capable of charging EVs up to 6x faster.

The EV-SMCH-GPD-3P-480V-45KW-4XL2-M1 is a portable electric vehicle charging station that does not require connection to local grids or power. This unit features a total of four Level 2 charging stations powered by a diesel generator. Each single-port station offers 7.2kW output at 30 amps and provides up to 6x faster charging than stock EV charging cables. A delay timer with the following options are available for timed charging settings: 2, 4, 6 and 8 hours. This system does not have networking capabilities. Customers may view real-time charging status on the station via indicator lights. The EV charging station offers NEMA 3R rated protection for indoor and outdoor applications.

Diesel Generator: The diesel generator delivers 45 kW standby and 42 kW continuous power during use. The three-phase 480V AC unit is powered by a FPT F5C-F34 BG engine and delivers 60 amps @ 0.9PF. Runtime for the unit includes: 40 hours when charging four EVs simultaneously, 80 hours when charging two EVs simultaneously and 160 hours when charging one EV. This generator compiles with EPA Tier 4 Final emissions standards.

Cables: One 18-foot cable with an SAE J1772 connector is available at each unit for charging up to four compatible EVs simultaneously, including Tesla, Nissan, Chevrolet, BMW, Ford and more. A cable bracket stores the cord below the charger.

Mounting: All system components are secured on a heavy-duty skid 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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Product ID: 280178

Export Control Classification Number (ECCN): EAR99

Links (Click on the below items to view):

- **HigResPic1**
- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**