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

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.498.3364

EV-CHS-PCS.D-12.5KW-M1

Electric Vehicle Charging Station - 30A Level 2 Charger, Single Port - 12.5kW Diesel Generator

Product ID: 305283

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-CHS-PCS.D-12.5KW-M1 Level 2 Electric Vehicle Charging Station

Generator Specs
Engine: Cummins, Liquid-cooled 4-cycle
Engine Speed: 1,800 RPM
No. of Cylinders: 3
Fuel Type: Diesel
Horsepower: 24.8 HP
Displacement: 1499 cc
Continuous/Surge Start/Prime Watts: 12.5 kW
Fuel Induction System: Electronic Fuel Injection
Muffler/Exhaust: Enclosed
Voltage: 120/240V 1-phase
Voltage Regulation: Digital, +/- 0.5%
Frequency: 60 Hz
Frequency Regulation: +/- 0.6%
Rated Amps: 104A @ 120V, 52A @ 240V
Power Factor: 1
Poles: 2P
Alternator: Brush
Circuit Breakers: 50A
Fuel Consumption (Gal/Hr.): 0.7 @ 50% Load, 1.3 @ 100% Load
Fuel Tank Capacity: 8 Gallons
Runtime: -
Vibration Isolators: Included
Noise Level: <74 dB
Dimensions: 59.11" x 48.02" x 74.44"

EV Charger Specs
Dimensions: 10" x 4.02" x 3.22"
Weight: -
Voltage: 240V AC, 60Hz
Phase: 1-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: -
Cable Management: Straight w/ Hangar Bracket
Cable Type/Length: (1) 18 Feet

Ratings/Approvals
NEMA 3R Indoor/Outdoor (EV Charger)
Insulation Class H Generator
SAE J1772 Connector
Up to 6x Faster Than Stock EV Charging Cables

Special Orders - Special Requirements
Contact us for special requirements
Intl: 1-903-270-1187
Toll Free: 1-800-369-6671

Connector Type: SAE J1772 Connector
System Weight (Dry Generator): 290 lbs

Fax: 1-903-498-3364
E-mail: sales@larsonelectronics.com

Made in Texas

The EV-CHS-PCS.D-12.5KW-M1 Electric Vehicle Charging Station from Larson Electronics is a compact EV charger for commercial locations and remote areas. This station has one port and offers Level 2 charging with 7.2 kW output (powered by a 12.5 kW diesel generator). The 30-amp portable 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-CHS-PCS.D-12.5KW-M1 features a Level 2 charging station powered by a 24.8 HP diesel generator. The 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 12.5 kW standby and continuous power during use. Equipped with an 8-gallon fuel tank, the single-phase 120/240V AC, 60 Hz unit is powered by a Cummins liquid-cooled, 4-cycle engine. This genset delivers 104 amps at 120V or 52 amps at 240V and is protected by a 50-amp circuit breaker. The generator features Class H insulation. This unit has digital voltage regulation.

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

Suggested Applications: Electric vehicle charging, remote locations, 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.

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

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.498.3364

Frequently Asked Questions (FAQ)

Export Control Classification Number (ECCN): EAR99

Links (Click on the below items to view):

- **Dimensional Drawing 2D**
- **Wiring Diagram**
- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**