

EV4500 SERIES: 240kW

BASIC SPECIFICATIONS

Output Power: DC240kW

Output Current: 252A @ 950VDC

Input Voltage: 3Φ480VAC (+10%,-15%)

Standard Connection: CCS1

Cable Length: 15 FT

Connector Qty: Dual

Connections: 4G, ETHERNET, Wi-Fi, Mobile App

Power Selectable: YES



SPECIFICATIONS

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|---------------------------|---|
| Voltage Rating | 3Φ480Vac(+10%,-15%) |
| Wiring | 3P+ N+ PE (Wye configuration) |
| Max. Input Current | 310A |
| Input Protection | OVP, OPP, UVP, SPD, OCP, OTP |
| Max. Output Power | DC 240 kW |
| Voltage Accuracy | ±2% |
| Current Accuracy | ±2% |
| Output Voltage Range | 200Vdc ~950Vdc |
| Maximum Output Current | 240A |
| Output Protection | SCP, OCP, OVP, LVP OTP, IMD |
| Power Factor | > 0.99 |
| Efficiency | > 94%, at optimize V/I point |
| Cooling | Natural Air or Liquid Cooling |
| Standby Power | < 150W |
| Electrical Isolation | Isolation between Input and Output |
| Internal Protection | OTP, AC/DC contactor detection, Fuse detection |
| Max. Connectors per Unit | Dual |
| Supported Connector Types | CCS1, J3400 NACS |
| Cable Lengths | 15 FT / 13 FT |
| Display | 21.5 Inch Media Touch Screen Display |
| Communication | Ethernet, Wifi, 4G Cellular |
| Back-end Support | OCPP 1.6 JSON, OCPP 2.0.1 |
| User Authentication | RFID, QR Code, Mobile App, Contact-less CC Reader |
| Remote Load Management | Via OCPP 1.6 JSON |
| Simultaneous Outputs | 100% - 0% Single / 50%-50% Dual |
| Safety | UL2231 -1/-2, UL2202 |
| FCC Compliant | YES |
| Ingress Protection | IP55 NEMA 3R |
| Anti-Vandalism | IK10, excluding LCD & RFID |
| Dedicated Breaker Rating | 400A |
| Operational Temperature | -22°F - 122°F |
| Storage Temperature | -40°F - 158°F |
| Relative Humidity | MAX 95% RH, non-condensing |
| Altitude | < 6,560 FT (2000m) |
| Dimensions | 35.2 x 26 x 86.6 Inches |
| Weight | 1102 lbs |



CTEP
Certified

FEATURES

FAST CHARGING: Delivers up to 240 kW (254 Amps). Getting your Fleet of EVs or customers back on the road quickly.

SMART CONNECTIVITY: Equipped with Ethernet, Wi-Fi, and 4G Cellular networking connections, allowing you to monitor and control charging sessions.

USER-FRIENDLY INTERFACE: Extra Large 21.5 Inch LCD Touch Screen display. RFID, QR code and Plug'n'Charge activation.

REVENUE GRADE METER: Accurate Energy Metering compliant with CTEP/ NTEP Standards.

WEATHERPROOF DESIGN: Rated for indoor and outdoor use, with a durable, weather-resistant casing.

COMPATIBILITY: Compatible with all electric vehicles that use the standard CCS1 and NACS connectors.

ENERGY EFFICIENT: Designed to minimize energy consumption and reduce your electricity bill.

QUICKCHARGE

CHARGING CONTROL & MANAGEMENT SOLUTIONS

- Turn-key EVSE back-office management
- Seamless integration with your existing business software
- Cost effective deployment and managed EVSE networks
- Easy to use and secure online access
- Designed and developed in America
- Overview presentation available upon request



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MODELS

| | |
|-----------------------------|---|
| GW-EV4500-240-TS-ISO | EVC Level 3 DCFC 240kW, 21.5" Touchscreen Display, Dual Gun, 2 units of 375A CCS1, 15ft Cable with Swing Bar Cable Management System (White); Ethernet +Wi-Fi + 4G, ISO15118, DC Meters/Boost Mode/CTEP Compliant |
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