



OMEGA DC FAST CHARGERS



Reliable Power Wherever You Need It

OMEGA DC Fast Chargers

Our mission is to deliver reliable power so that electric mobility is never constrained by location or infrastructure. We designed the OMEGA DC Fast Charger to meet the growing need for permanently installed, high-power solutions in busy commercial parking lots, fleet depots, highway rest stops, and public charging hubs. With power options ranging from 60 kW to 240 kW, OMEGA delivers flexible, scalable performance that easily adapts to different site demands. Whether it's a retail center upgrading for EV customers or a fleet yard seeking reliable, around-the-clock charging, the OMEGA series was built to streamline electrification and ensure every driver has access to the fast charge they need.

EXCELLENCE IS IN THE DETAILS

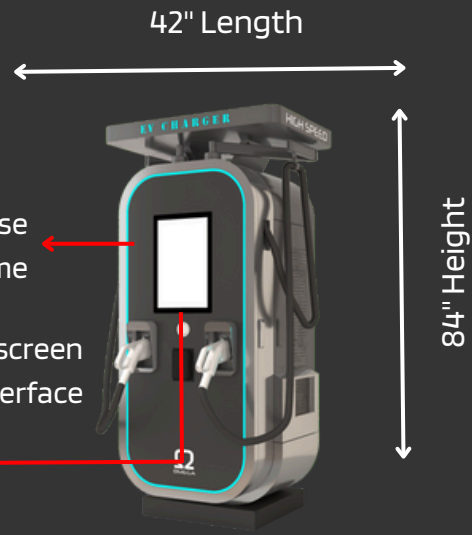
- 60–240 kW DC Output Range
- Dual Connectors (Up to 300 A Each)
- Three-Phase AC Input (260–530 V, 45–65 Hz)
- IP54 Enclosure & Air-Cooled System
- Over-Current, Under-Voltage, Surge, and Leakage Protections
- IEC 61851, IEC 62196, SAE J1772, CHAdeMO, GB/T Compliant
- ETL / UL (Connectors & Cables) Listed
- Operating Temperature: -25°C to 55°C (5–95% Humidity)
- 7' Tall, 42" Wide, 34" Deep (Approx. Dimensions Vary by Power Rating)
- 12" Touchscreen Interface
- Swipe Card, QR Code, or Password User Authentication
- OCPP 1.6J / OCPP 2.0.1 Connectivity

OMEGA DC FAST CHARGERS CAPABILITIES & DIMENSIONS

OMEGA DC Fast Chargers



- Universal CCS1 Standard Port
- TwinCharge Dual Hose for High-Volume
- 12" Touchscreen Interface



- Optimized Forced Air Cooling

KEY SPECIFICATIONS

GENERAL	Type: DC Fast Charger, Capacities: 60 kW / 80 kW / 100 kW / 120 kW / 160 kW / 180 kW / 240 kW, Dimensions: ~7' H x 42" W x 34" D, Mounting: Ground Mounted.
INPUT	Supply: Three-phase AC, Voltage: AC 400 V ±15% (260–530 V), Frequency: 45–65 Hz
OUTPUT	Number of Outputs: 2, Voltage Range: DC 200–1000 V, Max Current: 300 A per connector, Power Factor: ≥0.99 (≥50% load)
ENVIRONMENTAL	Operating Temp: -25°C to 55°C, Humidity: 5–95%, Storage Temp: -40°C to 70°C, IP Rating: IP54 (Air-cooled), Cable Length: 18'/23' (with spring gear retractor)
USER INTERFACE	Display: 12" Touchscreen, Authentication: QR Code/RFID/Password, Metering: Consumption Units
COMMUNICATION	Protocols: OCPP 1.6J / OCPP 2.0.1, Network: Ethernet / 3G / 4G / Wi-Fi
PROTECTION & SAFETY	Standards: IEC 62196, IEC 61851, SAE J1772, CHAdeMO, GB/T20234, Regulations: ETL/UL (connectors & cables), Safety Parameters: Over/Under Voltage, Residual Current, Surge, Leakage, Short Circuit, Over Temperature



OCPP Compatibility: Seamlessly integrate with multiple charging networks and systems, ensuring your chargers stay flexible and versatile.



Redundancy Systems: Omega's built-in redundancy ensures continuous uptime, offering performance even in the most demanding environments.



Modular Design for Scalability: Start small and expand your charging capacity as your operations grow, providing a cost-effective, future-ready solution.



High-Powered Charging: With 240kW of fast charging power, Omega keeps even the busiest fleets on the move, reducing downtime and increasing efficiency.



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Have a Question? Give us a call:
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CHARGERIGS, LLC

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