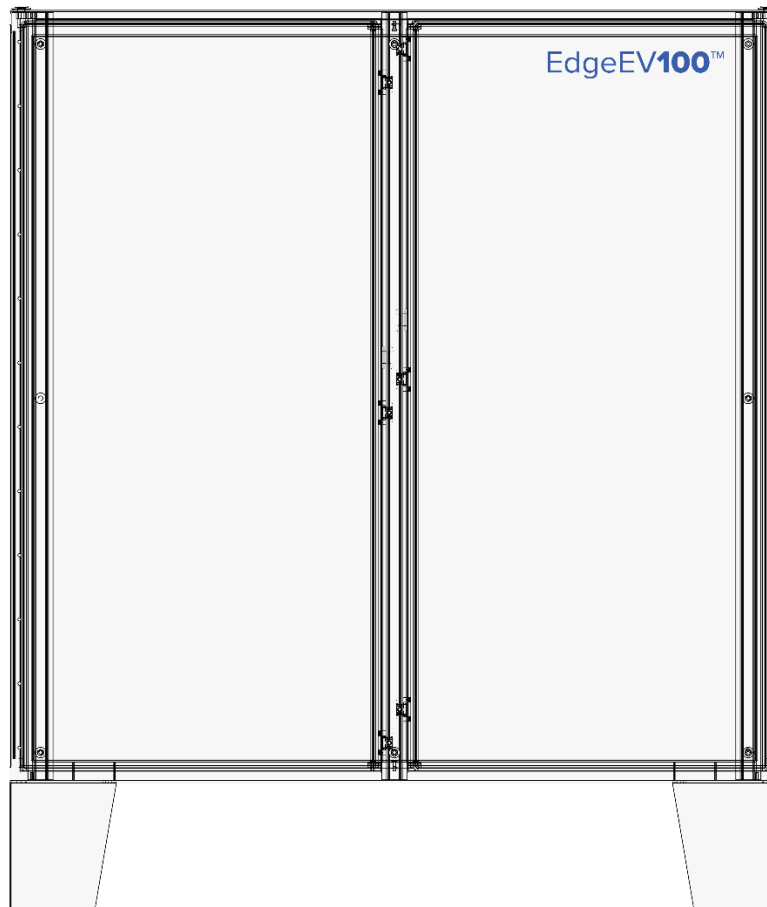


EdgeEV100™

Specifications and Ordering Information



Single-Phase AC Power Source for Three-Phase Input for
Direct Current Fast Chargers (DCFC)

General Specifications

Electrical Input

Input Rating	480V AC, Single-Phase, 250A, 60Hz
Wiring	L1, L2, Earth

Electrical Output

Power Output	480V AC, 3-phase, 110 kW
Max Charger Size	100kW
Unit Efficiency	98.5%
Electrical Isolation	Fused
Harmonics	Complies with IEEE 519 Requirements
Power Factor	Unity at full load

Enclosure

Cooling	Active Fan
Dimensions	72”(H)x72”(W)x24”(D)
Weight (lbs.)	650
Enclosure Rating	Type 3R
Surge Protection	Fused input and output

Functional Interfaces

Connector Types	Mechanical connector lug
Max Distance from Charger	150 ft (size wire to minimize voltage loss)
Max Distance from Input Power Source	300 ft (size wire to minimize voltage loss)

Connectivity

Service and Maintenance	Remote system monitoring, diagnostic, proactive maintenance
Supported Communication Protocols	
Local Area Network	2.4 GHz and 5 GHz WiFi (802.11 b/g/n)
Wide Area Network	4G LTE (fall back to 3G GSM)

Operational Ratings

Storage Temperature	-20°C to 60°C (-4° to 140°F)
Operating Temperature	-40°C to 50°C (-40° to 122°F)
Operating Altitude	<3,353 m (11,000 ft)



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