



360kW DC FAST CHARGER

Specification Sheet



Address

17875 Von Karman Avenue,
Suite 150, Irvine, CA 92614

Contact Us

Visit: www.ohmitron.com
Email: sales@ohmitron.com



Power	
Maximum Power	360 kW
Rated Power	398.6 kVA
Output Voltage	150 – 1000 VDC
Max Output Current	Up to 1200 A
Input Voltage Frequency	480 VAC (3P + N + PE) 60 Hz
FLA Breaker Rating	480 A 600 A
Power Factor	> 0.98 @ full load
Efficiency	> 97% at nominal output
Power Density of 120kW Converter	1397 kW/m3
Connector	
Connector Options	CCS1 NACS
CCS Cable	Up to 500 A - Liquid Cooled Optional up to 300 A (Nominal) & 350 A (Peak) - Air Cooled
NACS Cable	Up to 600 A - Liquid Cooled Optional up to 400 A - Air Cooled
Connector Cable Length	CCS – 16 ft (5 m) NACS – 16 ft (5 m)
Cycle Mode	1 x 360 kW (Max: 600 A)
Parallel Mode	2 x 180 kW (Max: 1000 A)
Charging Protocol	Mode 4: IEC-61851, ISO-15118, DIN SPEC 70121
Charger Properties	
Weight	Approx. 1433 lbs (650 kg)
Dimensions (L x D x H)	980 x 800 x 2156 mm (38.58" x 31.5" x 84.84")
Display	15" LCD Touch Screen
Cooling System	Air Cooled (Electronics) Liquid Cooled (Cables + Converter)
Chiller Specification	5 kW capacity (Integrated)
Converter Units	3 x 120 kW Converter Units (444 x 413 x 470 mm each)
Compliance and Safety	
Ingress Protection	NEMA 3S (IP54), IK 10
Altitude Rating	< 2000 m (6,600 ft)
Operating Temp.	-20°C to 55°C (-4°F to 131°F)
Humidity (Working Storage)	≤ 95% RH ≤ 99% RH (Non-condensing)
Insulation (Input-Output)	> 2.5 kV
Interface Protocol	OCPP 1.6J
Access Control	RFID: ISO/IEC 14443A/B Credit Card Reader – Optional
Regulatory Compliance	UL 2202, UL 2231-2 EMC: EN 61000-6-1, EN 61000-6-3
Communication	Ethernet, 4G, Wi-Fi
Safety Protections	GFCI RCD 20 mA, Over/Under Voltage, Over Current, Missing Ground, Output Short Circuit, Over Temp
Emergency Stop	Push-button (Output Disabled)
Metering	DC kWh meter per connector

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