



Product Specifications

RTM75

75kW



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Output Power: 50kW | 75kW

Output Voltage: 150-920V DC

Output Current: 50kW: 135A | 75kW: 200A

3rd Party UL & CE Certified

Simultaneous Charging of Two Vehicles

Charging Cable Types: CCS: 200A | NACS: 200A

Charging Cable Lengths:

3.6m (11ft 9in)

6m (19ft 8in) with cable management

10" LCD Screen with customisable HMI

DC Meter Option

Customer Branded Vinyls Option

Product Warranty:

3 years warranty included

+1 year | +2 year extensions available

Power Module Warranty: Lifetime warranty included (10 years)

Supply Input: 3Ø AC

Efficiency: >95%

Power Factor: >0.99

Total Harmonic Distortion: <5% THD

Electrical Protection: Over current, over voltage, under voltage, short circuit, surge protection, protective earth continuity monitor.

Safety Sensors: Tilt and door ingress

Authentication Methods:

RFID: MI-FARE ISO/IEC 14443A/B | ISO/IEC 15693 | ISO/IEC 18000-3 | FeliCa | NFC

Credit Card: Credit card terminals – various models

Remote start: mobile application

Vehicle: ISO15118 Plug and Charge | Autocharge

Free mode: no authentication

Communication Protocols:

EVSE to EV: ISO 15118-2, DIN 70121 | ISO 15118-20 ready

EVSE to CSMS: OCPP 1.6J | 2.0.1 ready

Network Connection: Cellular 4G/LTE | Ethernet

Accessibility: Meets Americans with Disabilities Act (ADA) and EN 301 549 Accessibility Height Requirements



Environmental

Enclosure Construction: Aluminium double skin

Impact Protection Rating: IK10

Ingress Protection Rating: IP65, NEMA Type 3R

Maximum Operating Altitude: 3000m (9842ft)

Operating Temperature:

- 50kW: -35°C to +50°C (-31°F to +122°F)
- 75kW: -35°C to +50°C (-31°F to +122°F) (with derating)

Storage Temperature: -35°C to +70°C (-31°F to +158°F)

Acoustic Noise: Maximum 65dB (variable under load)

Physical

Height	1998mm (78.6")
Width	783mm (30.8")
Depth	309mm (12.1")
Weight	Up to 294kg with cable management (649lbs)
Shipping	Up to 380kg depending on configuration (822lbs)



RTM75 COMPLIANCE

Standards

Europe: CE	IEC 61851-1, IEC 61851-23, IEC 62311, IEC 61851-21-2, ETSI EN 303 446-1, ETSI EN 301 489-1, ETSI EN 301 489-3, ETSI EN 301 489-52
North America: UL / CSA	USA: UL 2202, 47 CFR § 1.130, FCC 47 CFR Part 15 B, FCC certified GSM (4G) Canada: CSA C22.2, RSS-210 and SPR-002, ICES-003, ISED certified GSM (4G)

Environmental

Global RoHS | WEEE

Cyber security

Global ISO 27001
EU EU Cyber Resilience Act

Legal Metrology

Europe	MID	USA National	NTEP †
France	LNE	California	CTEP
Germany	Eichrecht †		

† Pending Certification Completion





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