



Product Specifications

RTM75

75kW



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Output Power: 50kW|75kW

Output Voltage:150-920VDC

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)withcablemanagement

10" LCD Screen with customisable HMI

DC Meter Option

Customer Branded Vinyls Option

Supply Input: 3ØAC

Efficiency:>95%

Power Factor:>0.99

Total Harmonic Distortion: <5%THD

Electrical Protection:Overcurrent,overvoltage,undervoltage,short circuit,surgeprotection,protectiveearthcontinuitymonitor.

Safety Sensors:Tiltanddooringress

Authentication Methods:

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

CreditCard:Creditcardterminals–variousmodels

Remotestart:mobileapplication

Vehicle: ISO15118 Plug and Charge | Autocharge

Freemode:noauthentication

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: Cellular4G/LTE|Ethernet

Accessibility: MeetsAmericanswithDisabilitiesAct(ADA)andEN301549
AccessibilityHeightRequirements



Environmental

Enclosure Construction:Aluminiumdoubleskin

Impact Protection Rating:IK10

Ingress Protection Rating: IP65, NEMA Type 3R

Maximum Operating Altitude: 3000m (9842ft)

Operating Temperature:

50kW:-35°Cto+50°C(-31°Fto+122°F)
75kW:-35°Cto+50°C(-31°Fto+122°F)(withderating)

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

Acoustic Noise:Maximum65dB(variableunderload)

Physical

Height	1998mm (78.6")
Width	783mm (30.8")
Depth	309mm (12.1")
Weight	Upto294kgwithcablemanagement(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 ISO27001
EU EUCyberResilienceAct

Legal Metrology

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

† Pending Certification Completion





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