

Tritium's RT50 is a compact, reliable, and robust DC fast charger capable of charging all EVs on the market. This all-in-one unit is small enough to suit your site's configuration and maximise your parking space without expensive site modifications.

Lightweight but strong, easy to install, cost-effective, and backed by 24/7 customer care, the RT50 is the smart DC fast charger of the future.



Technical Specification

Connectors	CHAdeMO and CCS (Type 1 or 2)
Power	Up to 50 kW
Supply input	380 - 480 V AC 3Ø
Supply frequency	50-60 Hz
IP rating	IP 65
Efficiency	>94%
Power factor	0.99

Mechanical Specification

Dimensions (width x height x depth)	2000 mm x 750 mm x 330 mm
Weight	167 kg
Freight	24 units per 20' container
Certification	CE, UL, CHAdeMO, RCM, FCC

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Side



Side



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Interfaces

Network connection	3G/4G and Gigabit Ethernet
RFID	MIFARE ISO/IEC14443A/B, ISO/IEC15693, ISO/IEC18000-3, FeliCa, NFC, EMV 2.0
Card reader	Optional
Communication protocol	OCPP 1.6 J

Environment

Operating temperature	-35°C to 50°C
Storage temperature	-55°C to 80°C
Maximum operating altitude	2000 m
Electrical protection	Short circuit; Overvoltage