

eVolve Rapid Master

The perfect solution for DC charging in environments with limited power

This 25 kW fast charger is ideal for supplying DC charging to the Master-Satellite system. Like their AC counterpart, it is ideal for multi-charging in shopping centres, companies, vehicle fleets, and public and private car parks. This solution is particularly well-suited for heavy-use environments as it provides great resistance high durability and easy access for maintenance.



Product highlights



Power

25 kW of power with CCS plugs, to charge approximately 150 km in 1 hour



Cost-effective

Reduction of the installation CAPEX thanks to the centralisation of the management of up to 8 satellites through a master charger



Future-proof

Technology with a wide voltage range (from 150 to 920 V) for charging all types of vehicles, from new cars to heavy vehicles



Compatible

Enables the combination of AC and DC chargers in multi-point environments with different charging speeds



User-friendly

8-inch touchscreen, an intuitive interface, and a simple payment system for an enhanced user experience



Secure

MID meters included and integrated electrical safeguards

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General Specifications

AC power supply	3P + N + PE
AC input voltage	400 V AC +/- 10% three-phase
Power factor	>0.98
Efficiency	95% at nominal output power
Frequency	50 / 60 Hz
Power supply capacity	27 kVA
Maximum AC input current	39 A
Maximum output current	70 A
Compliance	CE / Combo-2 (DIN 70121; ISO 15118) IEC 61851-1; IEC 61851-23 IEC 61851-21-2
Enclosure material	Aluminium and ABS
Enclosure rating	IP54 and IK10
Operating humidity	Up to 95%
Operating temperature	-35 °C to +45 °C
Storage temperature	-40 °C to +60 °C
Environment	Outdoor/indoor
Light beacon	RGB colour indicator
Enclosure access	Front door
Cable length	5.5 metres
Cable support	Holder support and integrated cable roller
Dimensions (W x H x D)	479 x 1750 x 288 mm
Weight	77 kg
Meter	MID Meter Class 1 – EN 50470-3

Overcurrent protection	MCB (Curve C)
Safety protection	RCD Type B (30 mA)
Post Master	
Connections	10/100TX (TCP-IP)
Interface protocol	OCPP 1.6J / 2.0 HW Ready
HMI screen	8" anti-vandal touchscreen
RFID Reader	NFC, ISO/IEC 14443A (MIFARE Classic, MIFARE DESFire EV1)
Wireless connection EMEA	4G LTE/WiFi Hotspot/GPRS/GSM
Connectivity	Switch TCP ethernet 8 ports
AC Satellites	
Communication with the master	UTP ethernet
Connectivity	Switch TPC ethernet 8 ports
Optional devices	
Wireless connection LATAM/APAC	4G LTE/GPRS/GSM
Connectivity	Switch TCP ethernet 16 ports
RFID extension	NFC, ISO/IEC 14443A/B, ISO/IEC 15693, ISO/IEC 18092, (Legic Advant, Legic Prime, Sony FeliCA, Calypso)
Contactless payment	Built-in credit card payment terminal
Customisation	Vinyl or logo

Models

Models	CCS
Maximum output power	25 kW
Voltage range	150-920 V DC
Connection	