

# 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

<b>AC power supply</b>	3P + N + PE	<b>Overcurrent protection</b>	MCB (Curve C)
<b>AC input voltage</b>	400 V AC +/- 10% three-phase	<b>Safety protection</b>	RCD Type B (30 mA)
<b>Power factor</b>	>0.98	<b>Post Master</b>	
<b>Efficiency</b>	95% at nominal output power	<b>Connections</b>	10/100TX (TCP-IP)
<b>Frequency</b>	50 / 60 Hz	<b>Interface protocol</b>	OPCP 1.6 / 2.0 HW Ready
<b>Power supply capacity</b>	27 kVA	<b>HMI screen</b>	8" anti-vandal touchscreen
<b>Maximum AC input current</b>	39 A	<b>RFID Reader</b>	NFC, ISO/IEC 14443A (MIFARE Classic, MIFARE DESFire EV1)
<b>Maximum output current</b>	70 A	<b>Wireless connection EMEA</b>	4G LTE/WiFi Hotspot/GPRS/GSM
<b>Compliance</b>	CE / Combo-2 (DIN 70121; ISO 15118) IEC 61851-1; IEC 61851-23 IEC 61851-21-2	<b>Connectivity</b>	Switch TCP ethernet 8 ports
<b>Enclosure material</b>	Aluminium and ABS	<b>AC Satellites</b>	
<b>Enclosure rating</b>	IP54 and IK10	<b>Communication with the master</b>	UTP ethernet
<b>Operating humidity</b>	Up to 95%	<b>Connectivity</b>	Switch TPC ethernet 8 ports
<b>Operating temperature</b>	-35 °C to +45 °C	<b>Optional devices</b>	
<b>Storage temperature</b>	-40 °C to +60 °C	<b>Wireless connection LATAM/APAC</b>	4G LTE/GPRS/GSM
<b>Environment</b>	Outdoor/indoor	<b>Connectivity</b>	Switch TCP ethernet 16 ports
<b>Light beacon</b>	RGB colour indicator	<b>RFID extension</b>	NFC, ISO/IEC 14443A/B, ISO/IEC 15693, ISO/IEC 18092, (Legic Advant, Legic Prime, Sony FeliCA, Calypso)
<b>Enclosure access</b>	Front door	<b>Contactless payment</b>	Built-in credit card payment terminal
<b>Cable length</b>	5.5 metres	<b>Customisation</b>	Vinyl or logo
<b>Cable support</b>	Holder support and integrated cable roller		
<b>Dimensions (W x H x D)</b>	479 x 1750 x 288 mm		
<b>Weight</b>	77 kg		
<b>Meter</b>	MID Meter Class 1 - EN 50470-3		

## Models

Models	CCS
<b>Maximum output power</b>	25 kW
<b>Voltage range</b>	150-920 V DC
<b>Connection</b>	