

eVolve Rapid Master

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 A (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	ISO/IEC 14443 A/B MIFARE Classic/DESFire EV1 ISO 18092 ECMA-340 NFC 16.53MHz
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	Legic Advant / Legic Prime ISO 15693 / ISO 18092, Sony FeliCa
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	