

DC EV Fast Charger

22 kW AC & up to 175 kW DC Power Charging Unit allows to charge your electric vehicle both AC and DC power simultaneously. It enables to create smart power balance and to integrate to EV Charging Hub - smart cloud-based charging management system.

Key Features

- ✓ Flexible Architecture
- ✓ Fast DC charging
- ✓ User-Friendly Interface
- ✓ Smart Power Balance
- ✓ Back-Office Integration OCPP 1.6
- ✓ Full Charging 30 kW EV 10 min
- ✓ RFID User Authentication
- ✓ Robust IP65 Ingress Protection



DC Fast Charger Technical Parameters

Models		EVC 175	EVC 350
AC Power Input	Voltage	400 ±10% V AC, 50 Hz	
	Current	260 A	520 A
	Connections & Wiring	TN-S, TN-C, TN-C-S, IT (PE)	
	Power factor (cos phi)	0.99	
DC Power Output	Power	Up to 175 kW	Up to 350 kW
	Voltage	200 V DC ... 920 V DC	
	Efficiency	max. 97 %	
Charging Properties	Mode	4	
	Type	CCS Type 2	
	Number of Contactor	1	1
	Length of Charging Cable	4 m (5m optional)	
Electrical Protection	Electrical Protection	Over Current, Short Circuit, Over Voltage, Leakage Current	
	Internal Residual Current Detection	30 mA RCD per IEC 61851-1	
	Insulation	Insulation Monitoring Device (IMD)	
	Surge Protection	Four pole transient surge protector IEC 61643-1 (class II)	
User Interface & Control	Status Indicators	7 inch touch screen panel	
	Buttons/Switches	Touch screen	Touch screen
	User Authentication	RFID (optional)	
Metering	Payment	Contactless Payment (optional)	
	Energy meter	Embedded Meter via Can Bus	
Communication	Network connection	Ethernet, Modbus RTU, CAN Bus,	
	Network Interface	OCPP 1.6J, GSM	
Environmental	Operating Temperature	-30 °C to +70 °C	
	Humidity	95% relative humidity, non-condensing	
	Ingress Protection	IP65	
Mechanical	Mounting Type	Floor-Mount	Floor-Mount
	Housing Material	Customizable	
	Dimension (W x H x D)	1800x 326 x 500 mm	
	Net Weight	125 kg	320 kg
Regulation	Standards	IEC 61851-1,-23, DIN SPEC 70121, IEC 62196-3-1, ISO15118	



30 mins. for approx.
-100-180 km driving range



Fast installation - small footprint, easy to
fit in existing and available space.



Professionally installed and
expertly maintained,