

EV2C

Dual-port EV Charger with Advanced Charge Management

The EV2C Series is a smart, dual-port EV charger designed for efficient and cost-effective charging of two electric vehicles. Featuring dual head charge management, it optimizes energy use, lowers installation costs, and offers seamless ease of use. Built for reliability and efficiency, the EV2C Series is the perfect solution for charging multiple EVs - ideal for both residential and commercial applications.



Key Features

- **Dual-Connector** - Allow simultaneous connection to two electric vehicles.
- **Sequential Charging** - Charges one EV first, then automatically switches to another EV once charging is complete.
- **Alternate Charging** - Configure charge duration to switch between EV1 and EV2 at intervals of 2, 3, or 4 hours.
- **Cost-Efficient Installation** - Minimizes the need for additional AC cabling and main distribution panels.
- **Effortless Operation** - Simply plug both connectors into two EVs, and let the EV2C manage the charging.

Advantages

- **Maximizes Charging Efficiency** - With dual-head charge management and intelligent managing energy flow.
- **Single Meter Usage** - Charge two EVs without upgrading your home energy meter.
- **Convenient and hassle-free** - No need to come and remove the charging cable to switch to another EV during the night.
- **Easily Upgrade Existing Charger (EV2C-7K model)** - Convert a single-port EV charger into a dual-port system.
- **For EV Charging Station (EV2C-7KE model)** can be connected to EVREX platform to operate as an EV charging station with minimal investment.

Model		EV2C-7K	EV2C-7KC	EV2C-7KE
INPUT	Voltage	220 / 230 Vac ± 10%		
	Frequency	50 Hz ± 2%		
	Power supply	TN / TT / IT (1P+N+PE or 2P+PE)		
OUTPUT	Rated power	7 kW		
	Max.charging current	32 A		
CHARGING INTERFACE	Charge connector (to EV)	Type 2 cable x 2		
	Cable lenght	7 m		
EXTERNAL CHARGER CONNECTION	Connector	Type 2 socket	No	No
USER INTERFACE & CONTROL	LED indicator	Charging time, EV1 connector status, EV2 connector status, Select EV1, Select EV2		
	LCD display	No	Power, Charging status, Charging time, Charging current, Fault alarm	No
	Scheduled charging	2hr / 3 hr / 4 hr		
	Start mode	Plug & Play		Plug & Play / App
	Ethernet	No	No	Yes
	APPLICATION	Home / Workplace		Charging station
POWER CONSUMPTION	Standby	< 5 W	< 8 W	< 8 W
SAFETY	Electrical protection	Over current, Over/Under voltage, Over temperature, Ground fault, Short-circuit, Lightning protection, Emergency stop		
	RCD	AC 30 mA and DC 6 mA		
	Certification	IEC/EN 61851-1, IEC/EN 62196-1, IEC/EN 62196-2, IEC/EN 61851-21-2		
	Cooling Method	Natural cooling		
	Ingress protection	IP65		
	Impact protection	IK10 according to IEC/EN 62262		
ENVIRONMENT	Operating Temperature	0°C to 50°C		
	Relative humidity	< 95% (non - condensing)		
PHYSICAL	Installation	Wall-mounted		
	Dimension (W x H x D)	198 x 340 x 130 mm		
	Weight (approx. in kg)	6.3 kg	6.5 kg	6.8 kg

Continuous product development is our commitment. In that manner, the above specifications may be changed without prior notice.

