



The Brand of Electricity

ELMARK ELECTRIC VEHICLE URBAN CHARGING STATIONS



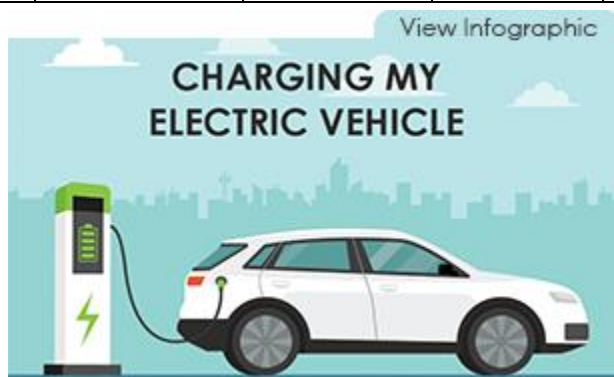
[PRODUCT DETAILS »](#)

The 40kW-320kW DC EV charger are suitable for special urban charging station, urban public charging stations, intercity highway charging stations and other occasions requiring DC quick charging, especially suitable for rapid deployment under site limitation.

TECHNICAL DATA »

- Voltage range: 200-750V
- Frequency: 50/60Hz
- Max. current: 200A
- Power: from 40kW to 320kW
- Power factor: ≥ 0.99 (50%-100% load)
- THD value: $\leq 5\%$ (50%-100% load)
- Stable current accuracy: $\leq \pm 1\%$
- Max. efficiency: 95%
- Installation: Floor standing
- Charging outlet: 2 charging guns (CCS 2), 40kW 1 charging gun (CCS 2)
- Cable length: 5m
- LCD screen: included
- Emergency stop button: included
- RFID function: available
- Communication protocol: OCPP 1.6 (JSON)
- Cooling method: fan cooling
- Material: Galvanized steel
- MTBF: 100 000 hours
- IP code: IP54
- Noise: $\leq 60\text{dB}$
- Working temperature: from -30°C to 50°C
- Humidity: 5-95% non-condensing
- Working altitude: $<2000\text{m}$

Catalogue number	Model	Rated power (kW)	Phases	Charging outlets	Cable length	Dimensions (mm)
98EVP40	EL-EVP40	40kW	3P+N+ PE	1	5m	1600x750x430
98EVP60	EL-EVP60	60kW	3P+N+ PE	2	5m	1600x750x430
98EVP90	EL-EVP90	90kW	3P+N+ PE	2	5m	1600x750x580
98EVP120	EL-EVP120	120kW	3P+N+ PE	2	5m	1600x750x580
98EVP180	EL-EVP180	180kW	3P+N+ PE	2	5m	1600x750x750
98EVP240	EL-EVP240	240kW	3P+N+ PE	2	5m	1600x750x750
98EVP320	EL-EVP320	320kW	3P+N+ PE	2	5m	1600x750x750



PROTECTIONS»

- Over/under voltage protection
- Overload protection
- Short circuit protection
- Over/under temperature protection
- Grounding protection
- Surge protection

FEATURES»

- Support Ethernet/4G/WI-FI communication
- OCCP communication protocol with CMS
- APP and cashless payment
- Simultaneously charging with 2 outputs (40kW with one)
- Suitable for fast charging
- SiC technology for high efficiency.
- PTB certified energy meter with accurate measurement
- Compatible with IEC standard
- Multiple protections for running safety.
- APP operation or RFID authentication or plug and play.
- Option POS terminal for contactless credit card payment

