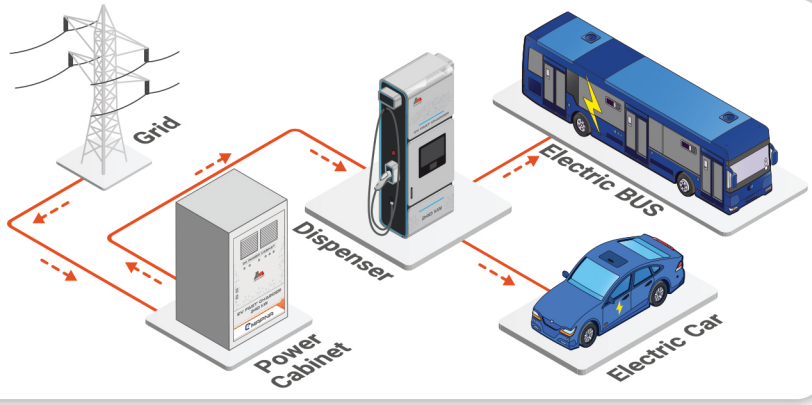
240 kW DC Charger

Multi-Protocol with Load Sharing





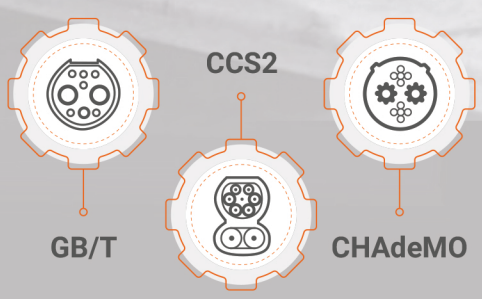
Special features

- Load Sharing feature (charging multiple vehicles simultaneously)
- Output power measurement
- LAN and WiFi Connection
- 7-inch color screen
- Emergency switch
- Optional Cable length (5, 7, 10 m)
- 24/7 online support (OCPP 1.6 protocol)
- Authentication (RFID and QR code)

MAPNA GROUP
MAPNA Electric & Control, Engineering and Manufacturing Company (MECO)
MAPNA Electrification Strategic Business Unit

2 years Guaranty / **10 years** warranty

Protocols & connectors



OCPP 1.6 Security Certified

GB

IRAN Design Award

Installation requirements

- Implementation of foundation
- Cabling and power supply
- Internet connection

Applications

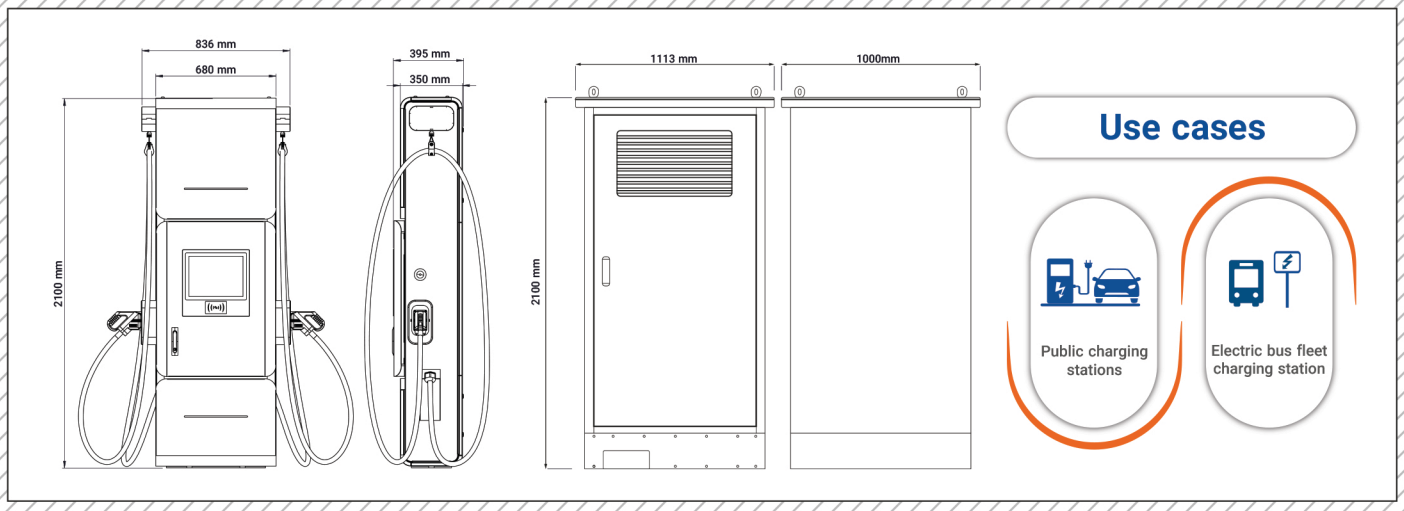
- EV Manufacturers
- Governmental organizations
- Residential,Hotels & Welfare complexes

Get In Touch

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Technical specification

Input

Input voltage range	260VAC～530VAC
Input frequency range	45Hz～65Hz
Input AC connection	3P + PE
Rated input current & power	350A @ 240kW
Power factor (nominal load)	≥0.99
THD	≤5%

Output

Rated output power	240kW
Output voltage range	150VDC～1000VDC
Maximum output current	250A (per connector)
Efficiency	>95% (nominal load)
Charging protocol	CCS 1/CCS 2
DC connection standard	IEC 61851-23/ISO 15118/DIN 70121
Upstream communication protocol	OCPP 1.6 JSON
Display	LCD 7" touch screen (optional)
Network connection	LAN, WiFi, GSM/3G/4G

Mechanical and environmental

Dimensions (H*D*W)	Power cabinet: 2000mm*800mm*1000mm Dispenser: 1300mm*1000mm*300mm
Protection	Power cabinet: IP54 & IK10 Dispenser: IP65 & IK10
Allowable humidity range	≤95% RH, without condensation
Operating temperature	-30°C～70°C, derating from 55°C
Storage temperature	-40°C～85°C
Pressure/Altitude	79kPa～106kPa/2000m
Distance between power cabinet and dispenser	Up to 30m
Cable length	Up to 10m (optional)

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