

Quick Charge

High speed charging device



Applications:

- Outdoor service stations
- Fleet bases
- EV service workshops
- Short time parking places

Key features:

- CHAdeMO compliant;
- Up to 50 kW (at 400VDC and 125A)
- Management and payment network connection
- Power factor > 99

INNOVATIVE TECHNOLOGIES FOR ELECTRIC VEHICLES

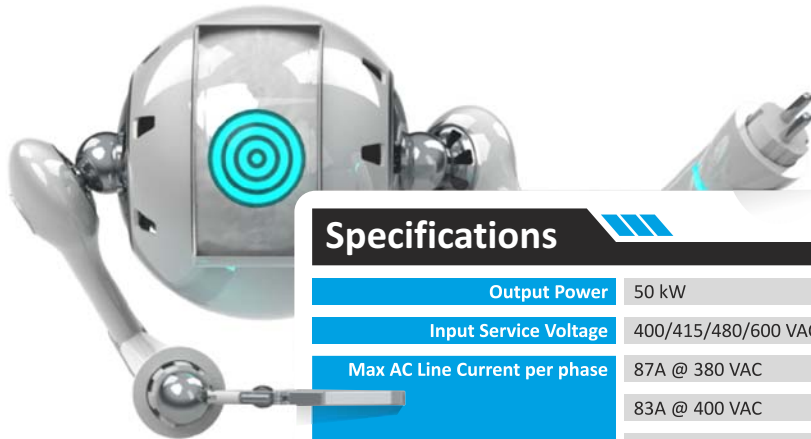
Magnum Cap was created to simplify the usability of electric vehicles by developing safety reliable recharging technologies and infrastructures. The company creates and develops charging solutions for a reliable, easy to use and secure day to day use of battery based electric vehicles, by taking advantage of renewable energies and preserving electric grid. A full charging product family is available, including four or two wheel charging solutions, Normal Charging, Home & Condominium Charging and Quick Charging systems.

QUICK CHARGING SYSTEMS

Built to deliver Quick Charging / Fast Charging to all EV's CHAdeMO charging compliant. The system is composed by a Power Cabinet and a compact, smart and safe kiosk, including an easy-to-use interface. Depending on the EV it takes up to 30 minutes to charge 80% of EV battery. The battery charging state is displayed. Either you can interrupt the charging cycle or let the system fulfill your battery, finishing by itself.

With a light and appealing design, and total safety for the user and vehicle, they are recommended for service stations or to charge EV fleets. The system is also equipped with a communication module that can be linked to common management and payment networks, via web services over IP, using Ethernet or 3G interface.

A graphic LCD screen display and intuitive menu-based interface permits to the user having an immediate graphic perception of the charging process and payment. Secure input data and control is made using a numeric keypad and user access can be validated by a contactless RFID cards reader.



Specifications

Output Power	50 kW
Input Service Voltage	400/415/480/600 VAC +/- 10% 3 phase + N +PE
Max AC Line Current per phase	87A @ 380 VAC 83A @ 400 VAC 80A @ 415 VAC 70A @ 480 VAC 56A @ 600 VAC
Max Output Current	125A @ 400 VDC
Output Voltage	200-500 VDC
Power Factor	> 99%
Power Converter Technology	High Frequency IGBT
Output Ground Fault Protection	Yes
HMI	Contactless card Mifare / Calypso LCD Display Numeric Pad Emergency Stop
Communications	Web services over IP Modem 3G or Ethernet network
Charger Interface	JEVS G104
DC Output Connector	JEVS G105
Cabinet	IP55
Compliance	CHAdeMO / EN 61851-1 / EN 61000

