

INTELLIGENT RECHARGING CAR PARK SOLUTIONS FOR ELECTRIC VEHICLES

The eZEcharge car park range is the perfect Intelligent recharging solution for electrical vehicles in the indoor private or public car park environment. The eZEcharge-CP range has been designed to fit all the needs in car park electric vehicle recharging, compliant with all electrical security regulations as well as access security, metering and consumption management. Together with our built in prepayment system, the eZEcharge range allows the user to easily monitor their usage and pay the right amount for energy consumed by their vehicle.



▶ PRODUCT DESCRIPTION

The electric charging boxes are all manufactured to a robust compact steel design and are coated with anti-graffiti paint to protect against vandalism to conform to the car park environment. Many features includes energy meters, prepayment system using proximity cards, differential protection with automatic reconnection, magnetothermic switches, one or two UK 3 pin sockets with LED indicators, a two digit display showing the users available credit and charge status. The eZEcharge range is an entirely safe and intuitive system which allows choosing to recharge during off-peak hours, choosing the duration of the charging time and controlling the power to prevent collapse of the electric power grid.

▶ MODELS

CAR PARK ELECTRIC CHARGING BOXES

- ▶ **eZEcharge-CP1** Car park box with one outlet (230 Vac, 16A each outlet, 3,6 kW)
- ▶ **eZEcharge-CP2** Car park box with two outlets (230 Vac, 16A each outlet, 7,2 kW)
- ▶ **eZEcharge-CP1-P** Car park box with one outlet with protection (230 Vac, 16A each outlet, 3,6 kW)
- ▶ **eZEcharge-CP2-P** Car park box with two outlets with protection. (230 Vac, 16A each outlet, 7,2 kW)

▶ FEATURES

- ▶ Access and prepayment with proximity cards (RFID)
- ▶ Display of credit balance available
- ▶ Integrated energy measurement and built in electrical safety protection self reclosing
- ▶ Protection system against electrical theft
- ▶ Communications (optional)
- ▶ Smart aesthetic design
- ▶ Safety user protection for voltage danger (EU regulation)
- ▶ Antivandalism stainless steel body
- ▶ Indoor use and easy installation

INTELLIGENT MULTIPOINT RECHARGING SOLUTION FOR ELECTRIC VEHICLES

The multipoint system of the eZEcharge family has been designed to offer an intelligent electrical vehicle recharge solution to car parks with multiple outlets. Our solution allows intelligent recharge management allowing high number of electrical vehicles, controlling different parameters of the electrical network and the vehicles connected to it, as well as user and car park manager preferences. The car park manager gets maximum optimization with this solution that also takes care of the power demand control, managing the loads of electric vehicles and the network capacity in order to avoid an overload, but also in the same way to take maximum advantage of it. This solution can detect a very high number of possible problems on the electrical networks in order to report and operate to prevent them.



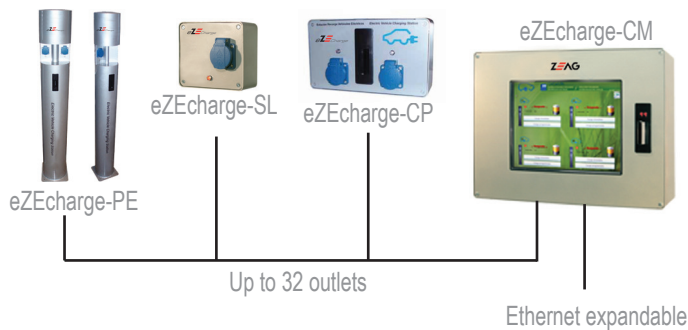
ENERGY EFFICIENCY



Up to 32 outlets

▶ PRODUCT DESCRIPTION

The eZEcharge-CM multipoint system consists of two units, on one side we have the remote outlet (eZEcharge-SL) that allows the vehicle to connect to the electrical network and on the other side we have the master controller eZEcharge-CM that brings intelligence to the system. The eZEcharge-SL has been specifically designed to be installed next to the vehicle parking space in order to connect it in a simple and convenient way when recharging the electric vehicle. These units are wall mount robust units designed to hold up to continuous use from busy car parks. The eZEcharge-CM brings intelligence and user interface to the system with a touch screen for user input as well as a RFID card reader to identify the user. The main functions of the master controller are to make the selection of the electricity outlets, energy record and management, device power control, communication with electricity companies.



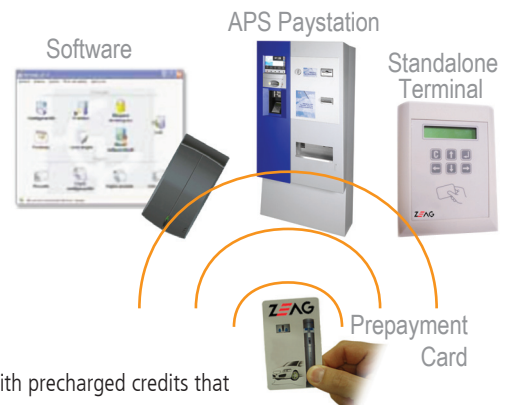
▶ FEATURES

eZEcharge-CM Multipoint system

- ▶ Software, embedded operating system multiuser / multi-platform
- ▶ Touch LCD screen 15"
- ▶ Scalable in functionality & sockets, controls up to 32 outlets
- ▶ Access / prepayment with RFID proximity cards
- ▶ Identification with magnetic stripe cards
- ▶ TCP-IP and RS-485 communication
- ▶ Integrated power control management
- ▶ Alarms management
- ▶ Stainless steel body, Smart aesthetic design

▶ MODELS

- ▶ **eZEcharge-CM** Master remote controller with remote control Touch screen, RFID reader, TCP-IP, RS-485, RS-232 and Zigbee
- ▶ **eZEcharge-SL** Car park box with one outlet with remote control (230 Vac, 16A each outlet, 3,6 kW)
- ▶ **eZEcharge-SOFT** Software, complete with USB card reader
- ▶ **eZEcharge-TERM** Standalone terminal for recharging cards
- ▶ **eZEcharge-CARD** Proximity prepayment Card



The prepayment system uses proximity cards with precharged credits that will decrement according to consumption used. Cards can be recharged as desired, with our Pay on foot, software or standalone systems.