

Master Charge Solutions

Hardware and Software Configurations



Master Charge

Charging points management unit

Master Charge

Still talking about Electric Charging Points is an understatement today, it would be like talking about fuel dispensers instead of talking about Service Stations, a station, the service station for refueling fossil fuel that we all know where the poor "dispenser" has a trivial function marginal.

In the same way we have to see today the Electric Supply, a Charging Station, rich in functions and services, from the multimedia identification and management of payments up to the Power Management of the entire station. A complete Service Station for Electricity Refueling, connected to various business and / or supervision software applications, possibly connected to an IOT (InternetOf Things) network.

This will be the future in the design of Charging Stations, Charging Points will therefore always be cheaper, sufficiently intelligent and totally controlled by a "Station Intelligence", a configuration similar to that of the fuel service stations that we all know.

A Master Charge unit therefore, a Station intelligence, capable of controlling each Charging Point (Columns and WallBoxes installed) according to the service requested. An effective response to the functional needs for which the station was designed. The widespread distribution of recharging points in fact offers ever-changing installation scenarios: from Domestic to Corporate workstations, from workstations in Parking areas (public and private) to Hotels or parking areas generally present near places of public interest.

Master Charge is a device able to control and communicate with the user multiple vehicle charging stations. The strength of Master Charge is the ability to communicate with both AC and DC columns from different manufacturers.

It is able to interface the recharging points with the most common central station, with automatic payment systems of public and private car parks, with photovoltaic systems for intelligent energy management and much more.



Hardware

Versions

MULTIPOINT MASTER

The Multipoint Master version, equipped with a touch screen monitor, an RFID / NFC reader and a barcode reader, allows maximum flexibility in the management of authentication policies and use of recharging points. The credentials check, the choice of the recharging socket, the dialogue with the payment systems and the correct functioning of the system are carried out only by Master Charge.



Touch screen monitor with charging point management software

Access credentials management with RFID / NFC reader or barcode

Ideal for managing many charging points

MULTIPOINT LIGHT

The Multipoint Light version manages all authorizations and interfacing with the other devices in the charging station on the software side. Authentication with RFID / NFC or Barcode supports will be carried out directly at the recharging points or on other enabled devices.



Economical and compact solution

Suitable for small charging stations

Maximum simplicity of installation and management

Software

Plug in and functionality

CONNECTION MODULES

Through the connection modules, the Master Charge can be interfaced with: charging points with In-Presa logic, third-party charging points via OCPP or third-party central stations.

GSX: Module that allows the communication of all the columns using products equipped with In-Presa logic

CSZ: Module that allows interfacing with third-party charging points compatible with the OCPP protocol.

CSO: Module that allows interfacing with third-party charging points that do not use either the OCPP protocol or a Central Station.

CSC: Module that allows interfacing with third-party charging points that already use a Central Station.

CSW: Module that allows communication with other Central Stations such as Siemens or others, for interoperability

PLUG IN

The Plug-ins available for Master Charge are used to interface the charging station with all those accessory services that have now become essential to guarantee a complete service. The connection with automatic payment systems of public and private car parks, the dynamic management of energy supply even with photovoltaic systems have become essential services.

MCPM: With the Plug in Master Charge Power Management it is possible to monitor consumption for management dynamics of energy delivery.

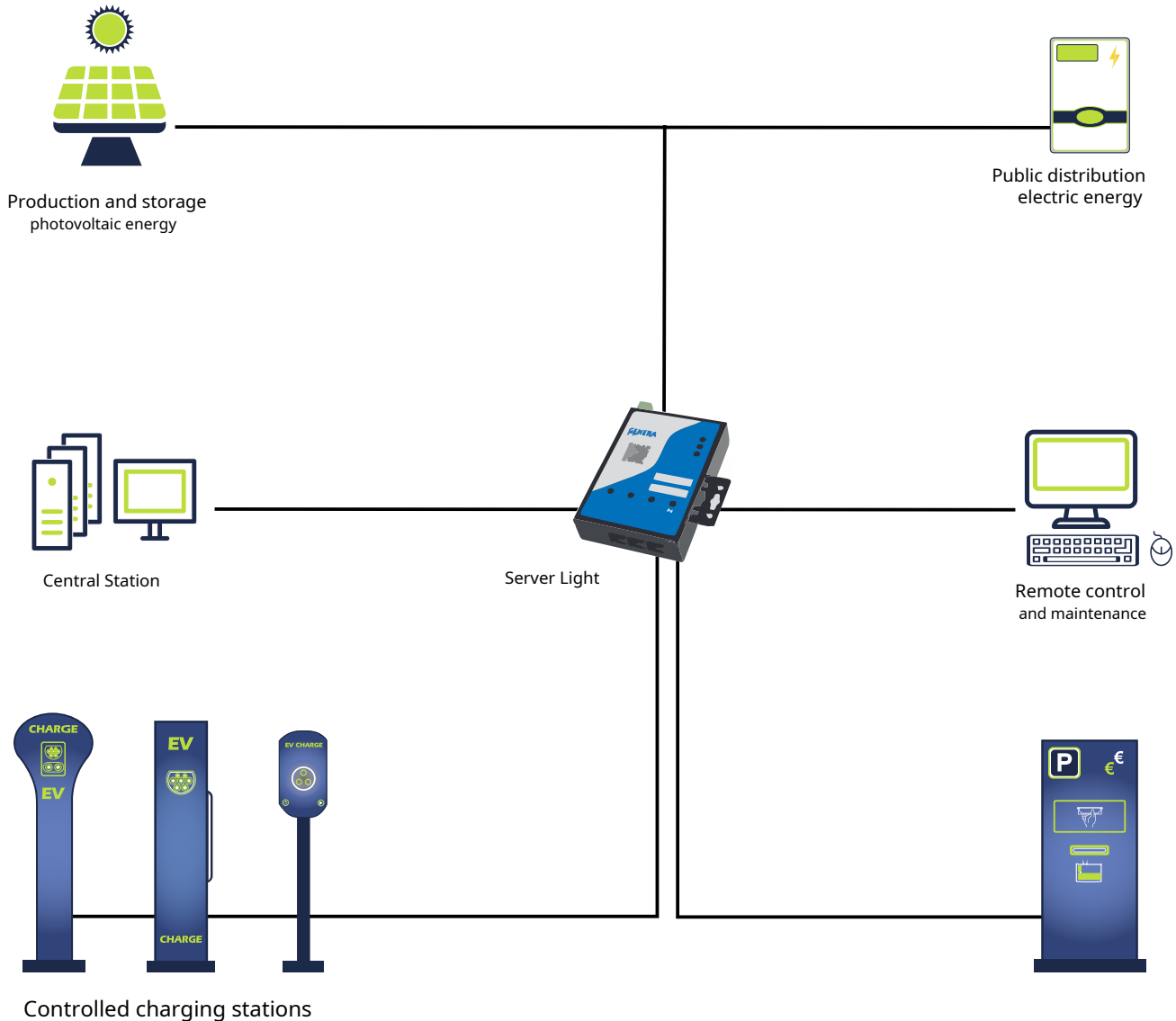
MCPC: The Plug in Master Charge Park Cash can interface the charging station with the payment systems automatic public or private parking.

MCEM: The Plug in Master Charge Energy Management can be used to manage the energy supplied to the charging stations coming from photovoltaic storage systems.

Light

Small plant solutions

The Multipoint Light version maintains all the software functionalities and the interfacing and integration capabilities in reloading stations where a front-end is not required for service management.



Connectable Charging Points (PDRs)

The Master Charge platform is immediately connectable with devices using the In-Presa series products.

In-Presa staff is available for any request for information on the models of commercial columns and wallboxes already available for integration with Master Charge.

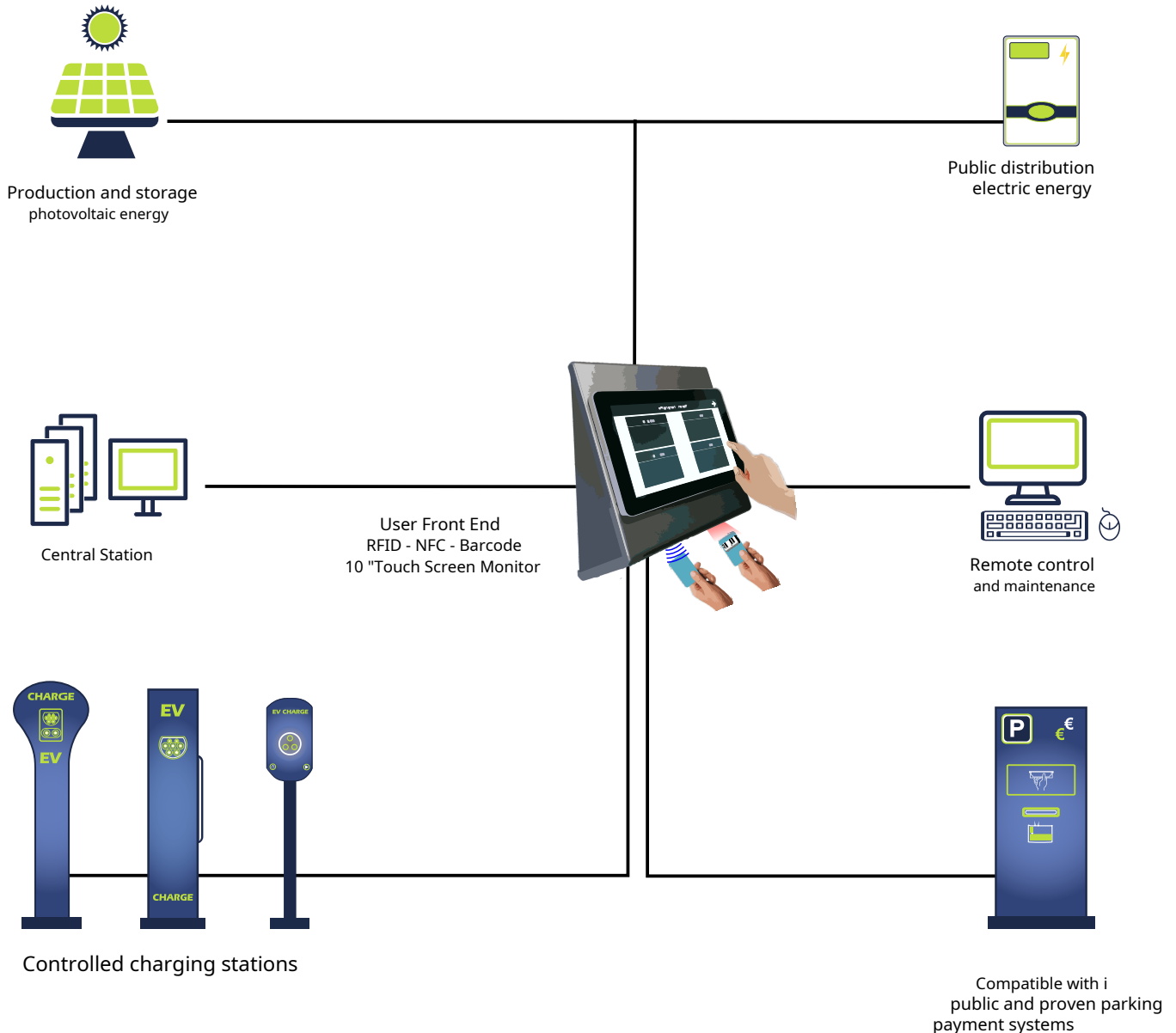
Other Charging Points

The Master Charge platform is open to the connection of PDRs of other manufacturers, as long as standard communication protocols are available on the market. It is also possible to connect PDRs equipped with different or proprietary protocols after adequate verification of feasibility.

master's degree

Large plant solutions

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