

The next generation of smart charge controllers

CC613 charge controller

Protection against misuse through various authorisation options

Future-proof communication protocols (PLC, OCPP) and billing options.

Dynamic load management (DLM)

The simple implementation of a networked charging infrastructure with up to 250 charging points (master/slave) guarantees a highly efficient distribution of the available energy. The DLM can be controlled either internally or externally via an EMS (e.g. EEBUS).

Future-oriented technologies (plug & charge) at an attractive price

The charging technology can be tailored exactly to the needs of the user in the private sector and still enables connection to existing EMS.






Additional product features of the CC613



- Sustainable investment thanks to update options (software and hardware).
- The standard integrated emergency opener as well as the automatic restart after a DC fault minimises the need for manual on-site service.
- The charge controller can also be controlled remotely via OCPP and allows for comprehensive monitoring (including AC/DC fault currents).
- The numerous components integrated in the controller make the charging point much more compact and space-saving.
- For easy networking of the charge controllers, the CC613 has an integrated Ethernet interface. Connection to an energy management system (EMS) via EEBUS or SMA SEMP can also be easily implemented. Depending on the variant, an additional 4G modem is installed.
- Billing is possible by using the current OCPP standard (1.5 & 1.6, JSON & SOAP) in combination with Modbus meters from different manufacturers.
- Authorisation can take place via the RFID interface or via OCPP using an APP/QR code. RFID module can be ordered separately.

Bender eMobility solutions:

Standard-compliant solutions from the charging station to the electric vehicle

- Vehicle sensors (insulation monitoring) 
- Charging technology/charge controller
 - RFID module 
 - Measuring current transformer CTBC17
 - Displays 
- Infrastructure sensors for AC and DC charging



Type	Modem	Interface	RDC-M	External Modbus	LED	PLC	User interface	Art. No.
CC613-ELM4PR-M	4G	Modbus, Ethernet	✓	✓	Status	✓	✓	B94060020
CC613-ELPR-M	–			✓				B94060021
CC613-ELM4PR	4G			–				B94060026
CC613-ELPR	–			–				B94060027
CC613-HEM-X2	–			–				B94060028