

The next generation of smart charge controllers

CC613 charge controller

Future-proof controller with a modular design

The CC613 already integrates Powerline Communication (PLC) according to ISO 15118 via plug & charge. Various authorisation options such as Giro-e are just as natural as regular software updates.

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).

Integrated protection against failure

On-site service can be reduced to a minimum thanks to the built-in emergency opener, the integrated DC fault current detection (VDE certified according to IEC 62955) and the standard weld check.






Additional product features of the CC613



- Sustainable investment thanks to update options (software and hardware).
- Easy integration into existing 230 V/400 V AC systems.
- 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