



HCC1401

The charge controller
for efficient solar charging

- For charging stations focussing on PV surplus charging scenarios
- Single-board solution with all necessary components: from 32 A power relay to integrated protection and monitoring systems
- Integrated web UI and app for the simplest operation
- Supports energy management systems and HEMS
- Enables the use of solar power and grid-friendly control
- Regular software updates for future-proof use

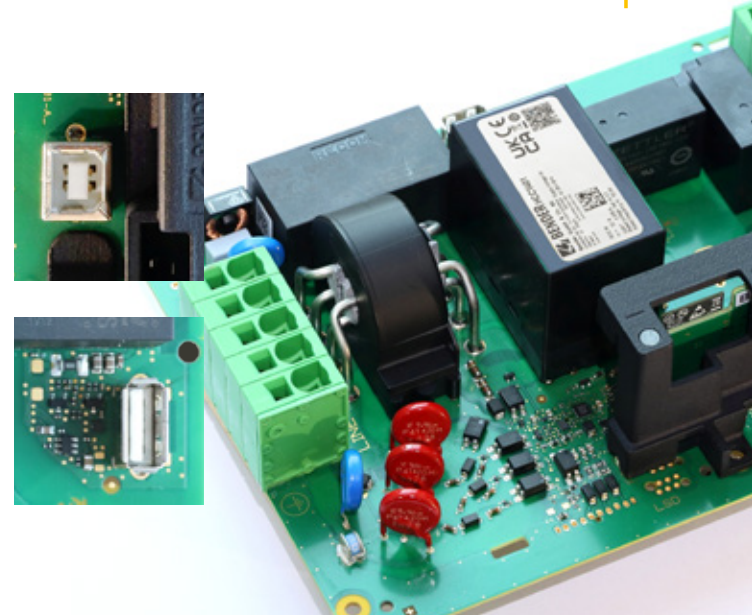
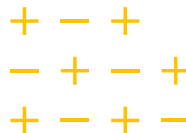
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The HCC1401 is perfectly suited for combining a vehicle charging station with a domestic photovoltaic system. The integrated phase cut-off enables the efficient use of self-generated electricity, even when not all PV power is available. Its intuitive web interface and APP make it easy to select the different charging modes available.

Product benefits

- 22 kW (32 A) power relay for single-phase to three-phase connections
- Phase switching for efficient solar charging
- Integrated DC power supply
- Integrated solution for DC fault monitoring
- Overvoltage protection (SPD) and PE monitoring
- Comprehensive phase monitoring
- Wi-Fi, Modbus (RTU) and USB interfaces
- Monitoring of temperature, rotating field, phase and mains frequency
- Dimensions: 150 mm x 200 mm



Bender GmbH & Co. KG

Londorfer Straße 65
35305 Grünberg
Germany

Tel.: +49 6401 807-707
emobility@bender.de
www.bender.de