

AC Type 2

Single Gun Controller (7.4kW)

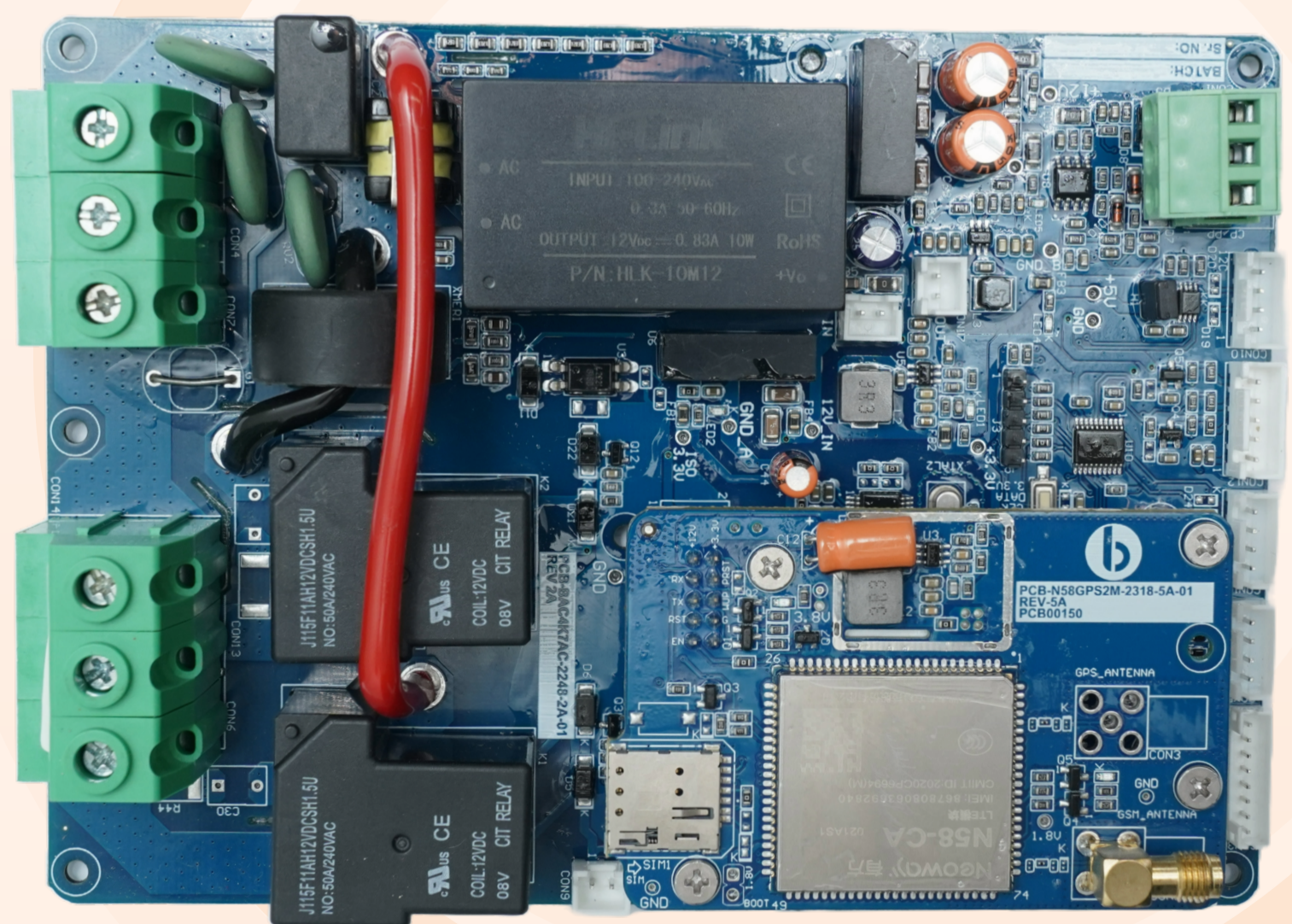
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Introduction

Bacancy's Single Gun Type 2 controller offers a customized solution that helps to build the complete AC charger ecosystem. The charger is compliant with industrial standards and safe for usage. It is an "All in One" product with built-in features to integrate AC charging components like a 20x4 Character LCD and 4.3" TFT touch LCD, Energy Meter, RFID-based authentication, and OCPP to make a smoother experience in developing AC chargers. With an internet connection through Wi-Fi and 4G LTE, users can monitor and manage the charger operation via the CMS.

Key Features

- WiFi and 4G LTE wireless connectivity and integration with CMS
- 20x4 Character LCD Display as well as TFT 4.3" LCD
- Offline (local on and off) feature supported with RFID for home use.
- LED indication for Presence of Input Supply, Error Indicator
- Battery backup support with Add on board.
- Secure web socket connection supported
- One 7.4kW Type 2 AC Connector
- RFID support
- Earth fault detection
- Over current, over voltage, under voltage
- Emergency Stop Interface
- Solenoid Lock Support
- OCPP 1.6J compatible
- Surge protection
- Onboard Class 1 metering
- External RCD interface supported
- OTA support



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Key Technical Specifications

Parameters	Specifications
Input Voltage	230 VAC+/-10% Single Phase
AC Input Connection	P + N + PE
Frequency	50 Hz
AC Output Current	32 A
Maximum Output Power	7.4 kW
Connector Type	Type 2 AC (IEC 62196-2)
Number of Connector	1
Display	20x4 Character LCD Display as well as optional - TFT 4.3" LCD supported (with external Add-on board)
Communication Network	GSM Modem (4G LTE fall-back to 2G) and Wi-Fi
Energy Measurement	Internal (Inbuild CT) Internal Metering supported
Dimension	L=115mm, B=160mm, H=30mm
Operating temperature	0°C to +70°C
Storage temperature	0°C to +70°C
Humidity	5 to 95%

Product Applications



Helps to build a compact and rugged AC Charger ecosystem



Commercial EV charging stations



Residential Charging



Public Parking Charging