

Bharat AC Controller

Single Socket

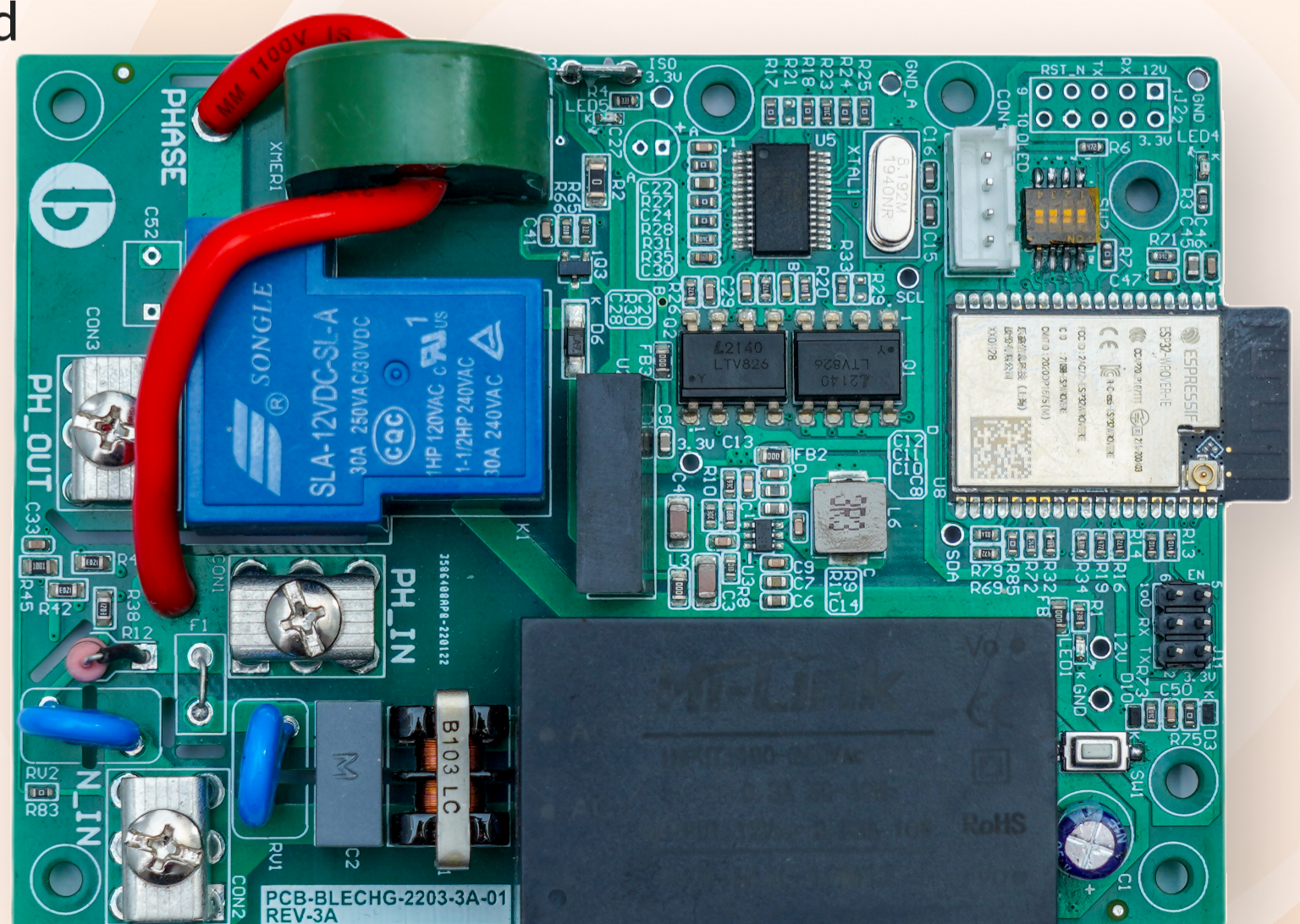
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Introduction

Bacancy's Bharat AC Single Socket controller offers a customized solution that helps to build the complete AC charger ecosystem and comes with IEC 60309 standard support. This controller has single socket output. It is an "All in One" product that comes with built-in features to integrate the AC charging components like OLED Display, Energy Meter, and OCPP to make a smoother experience in the development of AC chargers. The socket has a maximum of 3.3kw output.

Key Features

- WiFi and 4G LTE wireless connectivity and integration with CMS
- LED indication for Presence of Input Supply, Error Indicator, for status indication of controller
- Over current, over voltage, under voltage
- Secure web socket connection supported
- Earth fault detection
- Single 3.3kW Bharat AC
- OTA support
- Onboard Class 1 metering
- OLED Display
- OCPP 1.6J compatible
- Emergency stop supported
- Offline feature for home use



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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 | 16 Amp |
| Maximum Output Power | 3.3 kW Output Power |
| Connector Type | IEC 60309 Industrial Socket |
| Number of Connector | 1 |
| Display | OLED Display |
| Communication Network | GSM Modem(4G LTE fall-back to 2G) and Wi-Fi |
| Energy Measurement | Internal Metering supported |
| Dimension | L=110.00mm, B=80.00mm, 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