

Bharat AC Controller

Three Socket

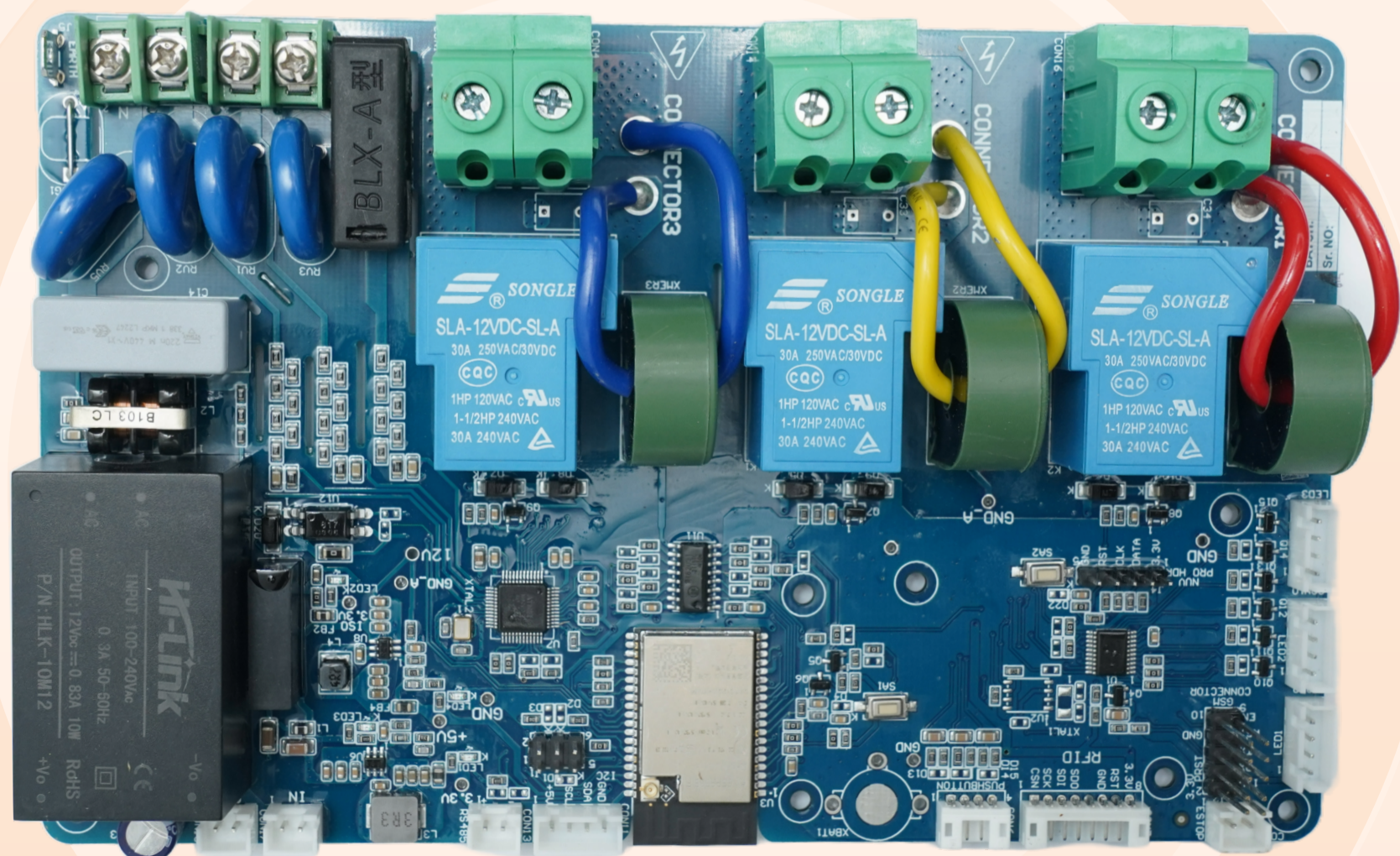
Brochure

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
- Over current, over voltage, under voltage
- LED indication for Presence of Input Supply, Error Indicator
- 20x4 Character LCD Display as well as TFT 4.3" LCD
- OLED Display
- Three 3.3kW Bharat AC Connectors
- Earth fault detection
- Emergency Stop Interface
- OTA support
- Onboard Class 1 metering
- RFID support
- Surge protection
- OCPP 1.6J compatible



Bharat AC Controller

Three Socket

Brochure

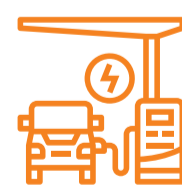
Key Technical Specifications

Parameters	Specifications
Input Voltage	415 VAC+/-10% Three Phase
AC Input Connection	3P + N + PE
Frequency	50 Hz
AC Output Current	16A in each Output
Maximum Output Power	3.3 kW in each Output
Connector Type	IEC 60309 Industrial Socket
Number of Connector	3
Display	20x4 Character LCD and 4.3" TFT Touch LCD (With External Addon board)
Communication Network	GSM Modem (4G LTE fall-back to 2G) and Wi-Fi
Energy Measurement	Internal Metering supported
OCPP	Support OCPP1.6J, Upgradeable to OCPP 2.0.1
Dimension	L=110.00mm, B=80.00mm, H=27.5mm
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