

EMOBILITY SOLUTION

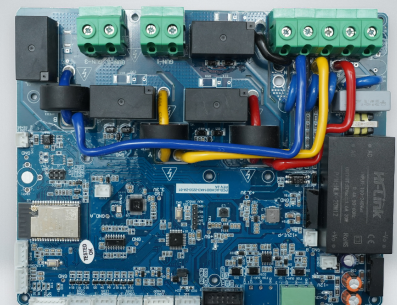
www.bacancysystems.com



CCS2Con Controller



BMS 16s



Hybrid Charge Controller

DC Charge Controllers

CCS2Con Controller

Total Capacity

upto 120 kW

Number of Output

3 Nos

Type of output

CCS2 | Type 2

Pre Compliance Tests

EMI/EMC [RE, RS, EFT, ESD, CS]

Supported Protocol

OCPP 1.6j over GSM/Ethernet/ WiFi

FOTA Supported

Yes

Standard

- ISO 15118
- DIN SPEC 70121
- Plug & Charge
- IEC61851-1



GBT Controller

Total Capacity

upto 30 kW

Number of Output

2 Nos

Type of output

GB/T

Pre Compliance Tests

EMI/EMC [RE, RS, EFT, ESD, CS]

Supported Protocol

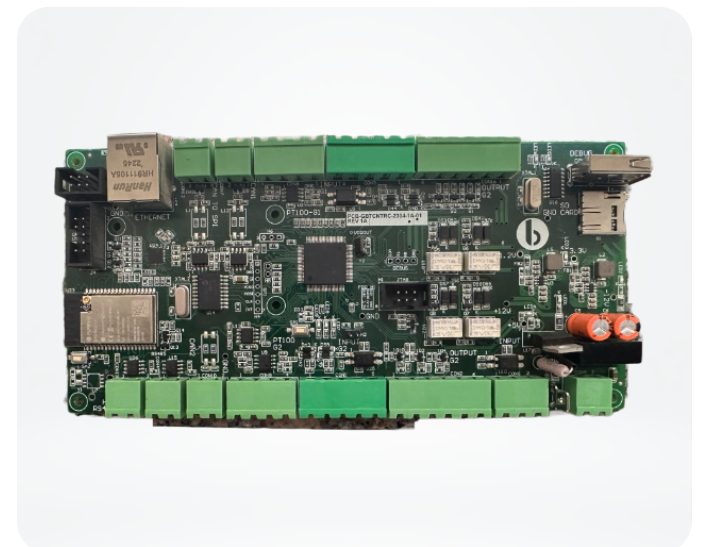
OCPP 1.6j over GSM/Ethernet/ WiFi

FOTA Supported

Yes

Standard

- GB/T 20234.3-2015 standards
- BEVC-DC001



LEVDC Master Controller

Total Capacity

upto 15kW

Number of Output

1 Nos

Type of output

CNS 16127

Pre Compliance Tests

EMI/EMC [RE, RS, EFT, ESD, CS]

Supported Protocol

OCPP 1.6j over GSM/Ethernet/ WiFi

FOTA Supported

Yes

Standard

IS 17017 (Part 2/Sec 6): 2021



AC Charge Controllers

AC Type 2 Single Gun Controller (7.4kW)

Total Capacity
upto 7.4kW

Number of Output
1 Nos

Type of Output
Type 2 | IEC 62196-2

FOTA Supported
Yes

Supported Protocol
OCPP 1.6j over GSM / Ethernet/ WiFi

Metering
Internal Metering with class 1 accuracy

Safety Measure
Earth fault detection, Over current, over voltage, under voltage, short circuit protection



AC Type 2 Single Gun Controller (22kW)

Total Capacity
upto 22kW

Number of Output
1 Nos

Type of output
Type 2 | IEC 62196-2

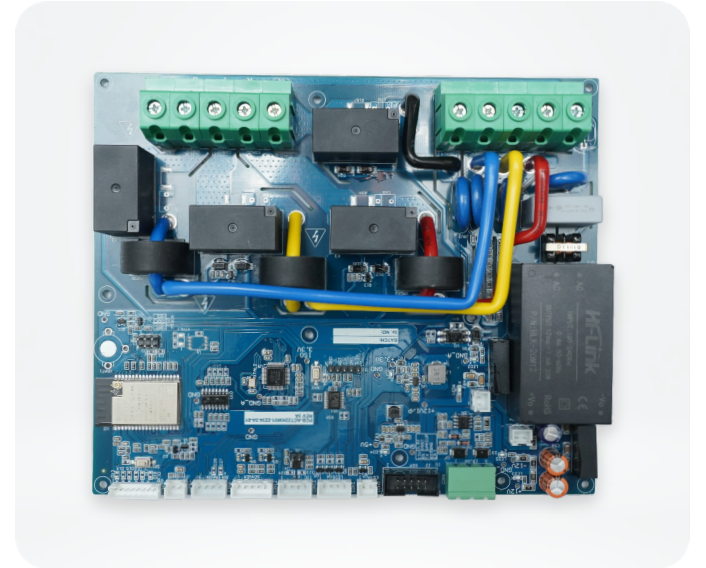
FOTA Supported
Yes

Supported Protocol
OCPP 1.6j over GSM / Ethernet/ WiFi

Metering

- Internal Metering with class 1 accuracy
- External Metering with RJ45

Safety Measure
Earth fault detection, Over current, over voltage, under voltage, short circuit protection



AC Type 2 Dual Gun Charge Controller

Total Capacity
upto 15 kW

Number of Output
2 Nos

Type of output
Type 2 | IEC 62196-2

FOTA Supported
Yes

Supported Protocol
OCPP 1.6j over GSM / Ethernet/ WiFi

Metering

- Internal Metering with class 1 accuracy
- External Metering with RJ45

Safety Measure
Earth fault detection, Over current, over voltage, under voltage, short circuit protection



AC Charge Controllers

Bharat AC Single Socket Charge Controller

Total Capacity
upto 3.3kW

Number of Output
1 Nos

Type of output
IEC 60309

FOTA Supported
Yes

Supported Protocol
OCPP 1.6j over GSM / Ethernet/ WiFi

Metering
Internal Metering with class 1 accuracy

Safety Measure
Earth fault detection, Over current, over voltage, under voltage, short circuit protection



Bharat AC Three Socket Charge Controller

Total Capacity
upto 10kW

Number of Output
3 Nos

Type of output
IEC 60309

FOTA Supported
Yes

Supported Protocol
OCPP 1.6j over GSM / Ethernet/ WiFi

Metering
Internal Metering with class 1 accuracy

Safety Measure
Earth fault detection, Over current, over voltage, under voltage, short circuit protection



Hybrid Charge Controller

Total Capacity
upto 14kW

Number of Output
3 Nos

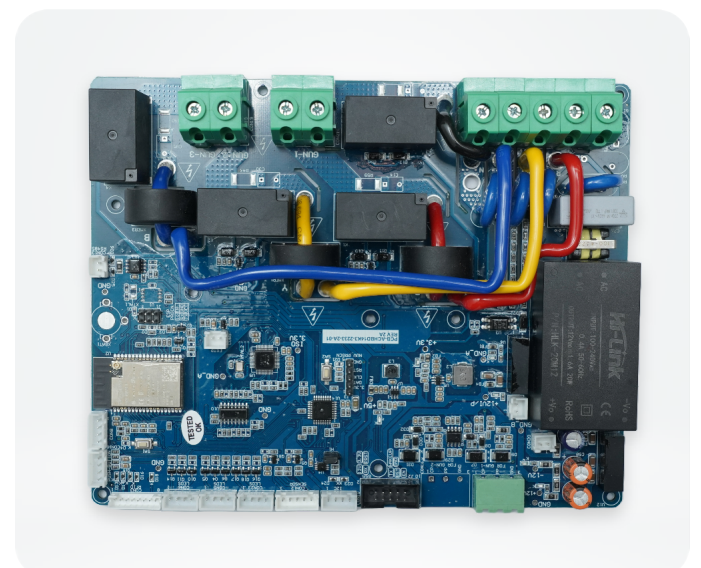
Type of output
Type 2 | IEC 60309

FOTA Supported
Yes

Supported Protocol
OCPP 1.6j over GSM / Ethernet/ WiFi

Metering
Internal Metering with class 1 accuracy

Safety Measure
Earth fault detection, Over current, over voltage, under voltage, short circuit protection



Battery Management System

BMS 16s

Cell Configuration

8s - 16s, 100 Ampere

Paring and Connection

- BLE based mobile app
- Web Application

Wired Communication

Non-Isolated CAN communication

Operating Voltage Range

19V to 70V

Cell Measuring Accuracy

SOC: $\pm 4\%$
Temperature: $\pm 2^{\circ}\text{C}$
Cell Voltage: $\pm 10\text{mV}$

Cell Balancing

Dissipative (Passive)

Wireless Communication

BLE, Wi-Fi, and GSM/GPRS

FOTA Supported

Yes

Safety Measure

Over/Under cell voltage,
Over/Under temperature
in charge & discharge,
Over current in charge
and discharge, Pack
Over/Under Voltage,
MOSFET failure
Notification



BMS 22s

Cell Configuration

17s - 22s, 60 Ampere

Paring and Connection

- BLE based mobile app
- Web Application

Wired Communication

Non-Isolated CAN communication

Operating Voltage Range

19V to 100V

Cell Measuring Accuracy

SOC: $\pm 4\%$
Temperature: $\pm 2^{\circ}\text{C}$
Cell Voltage: $\pm 10\text{mV}$

Cell Balancing

Dissipative (Passive)

Wireless Communication

BLE, Wi-Fi, and GSM/GPRS

FOTA Supported

Yes

Safety Measure

Over/Under cell voltage,
Over/Under temperature
in charge & discharge,
Over current in charge
and discharge, Pack
Over/Under Voltage,
MOSFET failure
Notification



CCS2 EV Simulator

EV SIMULATOR

Test Input

CCS2

Number of Inputs

1 Nos

Current Measurement

Range: 0 to 100 A
Resolution: $\pm 100\text{ mA}$
(Display)
Accuracy: $\pm 0.5\text{ A}$
(not calibrated)

Standard

ISO 15118 and DIN 70121
Compliant

IP Rating (Closed lid)

IP 66, Closed lid
IP 43, Open lid

Testing Modes

- Standard Mode
- Normal Mode
- Charging Mode

Display

7" TFT display

Dimension L X B X H

610 x 440 x 326 mm

Additional Feature

- Configurable demand voltage/SOC
- Firmware upgradable via USB
- USB Storage available for data analysis
- Emergency State replication



OUR PRESENCE



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