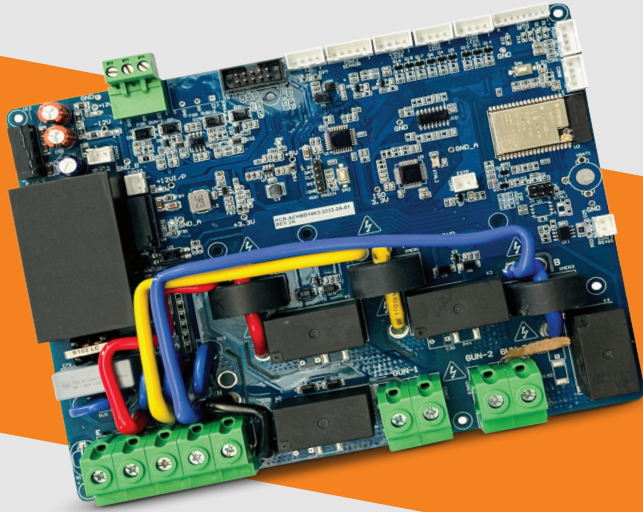




HYBRID AC CHARGER CONTROLLER



FEATURES

- ◆ Up to 15kW Output Capacity.
- ◆ Configurable for Type 2 Single Gun and Dual Industrial Output Sockets.
- ◆ Support 4.3" Graphical or 20 X 4 Character Display.
- ◆ Enabled for RFID Authentication and LED Indicators.

APPLICATIONS



e2w
Electrical Two Wheeler



e3w
Electrical Three Wheeler



e4w
Electrical Four Wheeler

TECHNICAL SPECIFICATIONS

Input power

Supply Voltage	415 VAC ± 10% (3P+N+PE)
Frequency	50Hz and 60Hz

Output Power

Total Output	3 Nos (Max 15 kW)
Supported Connector	Industrial Socket/ Bharat AC, IEC 60309 Type 2 Dual Gun, IEC 62196-2
Output Configurations	3.3 kW, 16A x 2 and 7.4 kW, 32A x 1

Communication

Protocol	OCPP 1.6j
Network	WiFi / GSM (fall back to 2G)
Standards	IEC61851, IS17017 & IEC/EN 61000

Interfaces

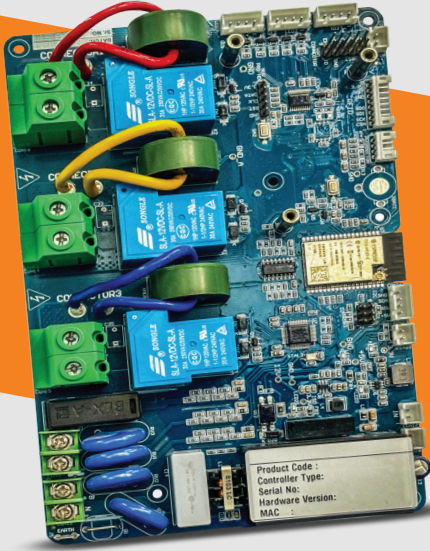
Supported Display	4.3" Graphical LCD Display 20 X 4 Character Display
Supports	RFID, OTA and Solenoid Lock
Metering	On Board Class-1 Energy Metering
Protection	Configurable over current, over voltage, under voltage, short circuit protection, surge protection

Mechanical

Operating Temperature	0°C to 70°C
Storage Temperature	0°C to 70°C
Humidity	5% to 95%
Dimension (LxBxH)	188.5 × 150.6 × 30 mm
Weight	450 g



BHARAT AC (THREE SOCKET)



FEATURES

- ◆ Up to 10kW Output Capacity.
- ◆ Configurable for Three Industrial Output Sockets.
- ◆ Support 4.3" Graphical or 20 X 4 Character Display.
- ◆ Enabled for RFID Authentication and LED Indicators.

APPLICATIONS



e2w
Electrical Two Wheeler



e3w
Electrical Three Wheeler

TECHNICAL SPECIFICATIONS

Input power

Supply Voltage	415 VAC ± 10% (3P+N+PE)
Frequency	50Hz and 60Hz

Output Power

Total Output	3 Nos (Max 10kW)
Supported Connector	Industrial Socket/ Bharat AC, IEC 60309
Output Configurations	3.3 kW, 16A x 3

Communication

Protocol	Ocpp 1.6j
Network	WiFi / GSM (fall back to 2G)
Standards	IEC61851, IS17017 & IEC/EN 61000

Interfaces

Supported Display	4.3" Graphical LCD Display 20 X 4 Character Display
Supports	RFID and OTA
Metering	On Board Class-1 Energy Metering
Protection	Configurable over current, over voltage, under voltage, and surge protection

Mechanical

Operating Temperature	0°C to 70°C
Storage Temperature	0°C to 70°C
Humidity	5% to 95%
Dimension (LxBxH)	185 × 117.15 × 27.5 mm
Weight	370 g



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TYPE 2 SINGLE CHARGER CONTROLLER



FEATURES

- ◆ Up to 7.4kW Output Capacity.
- ◆ Configurable for Type 2 Single Gun.
- ◆ Support 4.3" Graphical or 20 X 4 Character Display.
- ◆ Enabled for RFID Authentication and LED Indicators.

APPLICATIONS



e4w
Electrical Four Wheeler

TECHNICAL SPECIFICATIONS

Input power

Supply Voltage	230 VAC ± 10% (P+N+PE)
Frequency	50Hz and 60Hz

Output Power

Total Output	1 Nos (Max 7.4kW)
Supported Connector	Type 2 Single Gun, IEC 62196-2
Output Configurations	7.4 kW, 32A x 1

Communication

Protocol	OCPP 1.6j
Network	WiFi / GSM (fall back to 2G)
Standards	IEC61851, IS17017 & IEC/EN 61000

Interfaces

Supported Display	4.3" Graphical LCD Display 20 X 4 Character Display
Supports	RFID, OTA, External Battery Backup Support with Add-on Circuit and Solenoid Lock.
Metering	On Board Class-1 Energy Metering
Protection	Configurable over current, over voltage, under voltage, short circuit protection and surge protection

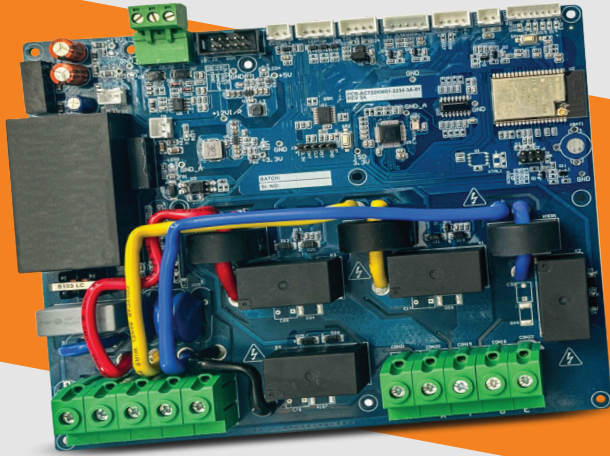
Mechanical

Operating Temperature	0°C to 70°C
Storage Temperature	0°C to 70°C
Humidity	5% to 95%
Dimension (LxBxH)	115 × 160 × 30 mm
Weight	240 g





TYPE 2 SINGLE CHARGER CONTROLLER



FEATURES

- ◆ Up to 22kW Output Capacity.
- ◆ Configurable for Type 2 Single Gun.
- ◆ Support 4.3" Graphical or 20 X 4 Character Display.
- ◆ Enabled for RFID Authentication and LED Indicators.

APPLICATIONS



e4w
Electrical Four Wheeler

TECHNICAL SPECIFICATIONS

Input power

Supply Voltage	415 VAC ± 10% (3P+N+PE)
Frequency	50Hz and 60Hz

Output Power

Total Output	1 Nos (Max 22 kW)
Supported Connector	Type 2 Dual Gun, IEC 62196-2
Output Configurations	22 kW, 32A x 1

Communication

Protocol	OCPP 1.6j
Network	WiFi / GSM (fall back to 2G)
Standards	IEC61851, IS17017 & IEC/EN 61000

Interfaces

Supported Display	4.3" Graphical LCD Display : 20 X 4 Character Display
Supports	RFID, OTA, External Battery Backup Support with Add-on Circuit and Solenoid Lock.
Metering	On Board Class-1 Energy Metering
Protection	Configurable over current, over voltage, under voltage, short circuit protection and surge protection

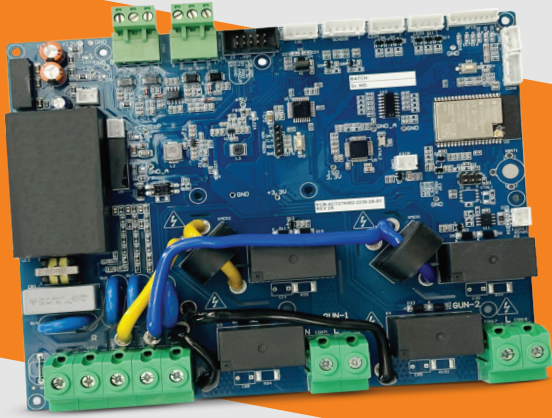
Mechanical

Operating Temperature	0°C to 70°C
Storage Temperature	0°C to 70°C
Humidity	5% to 95%
Dimension (LxBxH)	188.5 × 150.6 × 30 mm
Weight	357 g





TYPE 2 DUAL CHARGER CONTROLLER



FEATURES

- ◆ Up to 15kW Output Capacity.
- ◆ Configurable for Type 2 Dual Gun.
- ◆ Support 4.3" Graphical or 20 X 4 Character Display.
- ◆ Enabled for RFID Authentication and LED Indicators.

APPLICATIONS



e4w
Electrical Four Wheeler

TECHNICAL SPECIFICATIONS

Input power

Supply Voltage	415 VAC ± 10% (3P+N+PE)
Frequency	50Hz and 60Hz

Output Power

Total Output	2 Nos (Max 15kW)
Supported Connector	Type 2 Gun, IEC 62196-2
Output Configurations	7.4 kW, 32A x 2

Communication

Protocol	OCPP 1.6j
Network	WiFi / GSM (fall back to 2G)
Standards	IEC61851, IS17017 & IEC/EN 61000

Interfaces

Supported Display	4.3" Graphical LCD Display 20 X 4 Character Display
Supports	RFID, OTA and Solenoid Lock
Metering	On Board Class-1 Energy Metering
Protection	Configurable over current, over voltage, under voltage, short circuit protection and surge protection.

Mechanical

Operating Temperature	0°C to 70°C
Storage Temperature	0°C to 70°C
Humidity	5% to 95%
Dimension (LxBxH)	188.5 × 150.6 × 30 mm
Weight	462 g



TYPE 2 DUAL CHARGER CONTROLLER



FEATURES

- ◆ Up to 44kW Output Capacity.
- ◆ Configurable for Type 2 Dual Gun.
- ◆ Support 4.3" Graphical or 20 X 4 Character Display.
- ◆ Enabled for RFID Authentication & LED indicators.

APPLICATIONS



e4w
Electrical Four Wheeler

TECHNICAL SPECIFICATIONS

Input power

Supply Voltage	415 VAC \pm 10% (3P+N+PE)
Frequency	50Hz and 60Hz

Output Power

Total Output	2 Nos (Max 22 kW for Each Connector)
Supported Connector	Type 2 Gun, IEC 62196-2
Output Configurations	22 kW, 94A x 2

Communication

Protocol	OCPP 1.6j
Network	WiFi / GSM (fall back to 2G)
Standards	IEC61851 IS17017 IEC/EN 61000

Interfaces

Supported Display	4.3 " Graphical LCD Display 20 X 4 Character Display
Supports	RFID, OTA, External Battery Backup Support with Add-on Circuit and Solenoid Lock for First Connector
Metering	Two External Energy Metering (Modbus RS-485) Two External Contactor
Protection	Configurable over current, over voltage, under voltage, short circuit protection and surge protection

Mechanical

Operating Temperature	0°C to 70°C
Storage Temperature	0°C to 70°C
Humidity	5% to 95%
Dimension (LxBxH)	188.5 \times 150.6 \times 30 mm
Weight	490g



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