



## AC SLOW CHARGER

# RCSAC-002

(Type 2 AC Chargers)

## SPECIFICATIONS

### Power Input

- ✔ **Input Rating:** 230 Vac (+10% and - 10%), 32 A, 50±1.5Hz 7 kW
- ✔ **Number of Phase / Wire:** Single Phase, L, N and PE (Ground) 3 Wire AC System
- ✔ **Internal RCD:** RCD residual current device 30 mA

### Power Output

- ✔ **Output Rating:** 230 Vac (+10% and - 10%), Single Phase, 32 A, 50±1.5Hz 7 kW
- ✔ **No. of Output:** 1 No
- ✔ **Charging Interface:** IEC 62196-2 Connector with 5 m Cable

### Protection

- ✔ **Electrical Protection:** Over current, Under voltage, Over voltage, Residual current, Surge protection, Short circuit, Over temperature, Earth Leakage, Ground fault - 30mA

### User Interface & Control

- ✔ **Display:** LCD Display 20x4
- ✔ **Status Indicators:** Power, Status, Charge, Fault
- ✔ **Buttons and Switch:** Red Color Mushroom Headed Emergency stop button
- ✔ **Authentication:** App Based OTP & QR Code Authentication
- ✔ **Billing & Payment:** App Based Billing as per unit consumed & Online Payments
- ✔ **Charge Option:** App Based Charge Option: Charge by kWh, Time & Amount
- ✔ **Customer Interaction Panel:** App Based Real-Time Charging Monitor & Alert

### Communication

- ✔ **Charging Protocol:** OCPP 1.6j
- ✔ **Between EVSE & CMS:** Ethernet, WLAN, 2G/3G/4G Dongles
- ✔ **Between EVSE & EV:** As Per IEC61851-1

### Environmental

- ✔ **Operating Temperature:** Range 0 °C to +55 °C
- ✔ **Storage Temperature:** Range -20 °C to +70 °C
- ✔ **Humidity:** < 95% relative humidity, non-condensing
- ✔ **Altitude:** Up to 2,000 m (6,000 ft.)

### Mechanical

- ✔ **Ingress Protection:** IP55
- ✔ **Enclosure Protection:** IK10 according to IEC 62262
- ✔ **Cooling:** Natural cooling
- ✔ **Mounting Type:** Wall / Pedestal / Pole Mounted
- ✔ **Dimension (W x H x D):** 280 x 380 x 130 mm

### Application

- ✔ **Community Charging**
- ✔ **Commercial Charging**
- ✔ **Corporate Charging**
- ✔ **Fleet Charging**



## DC FAST CHARGER

# RCFDC-004

GB/T & CHAdeMO Chargers

## SPECIFICATIONS

### Power Input

- ✔ **Input Rating:** 415 Vac (+6% and - 10%), 50±1.5Hz, PF >0.98
- ✔ **Number of Phase / Wire:** 3 Phase, L1, L2, L3, N and PE (Ground) 5 Wire AC System
- ✔ **Current:** THD As Per IEC61000-3-12
- ✔ **Standby Power:** 1Hr. Internal Battery Backup for the Control System

### Power Output

- ✔ **Output Rating:** 120 kW(Max)
- ✔ **Output Voltage:** 200-600 VDC
- ✔ **Output Current:** 200 A(Max)
- ✔ **Efficiency:** >94%
- ✔ **No. of Output:** 2 No
- ✔ **Charging Interface:** 2 Nos (GB/T 20234.3 / CHAdeMO Connector with 5 m Cable)

### Protection

- ✔ **Electrical Protection:** Over current, Under voltage, Over voltage, Residual current, Surge protection, Short circuit, Over temperature, Earth Leakage, Ground fault - 30mA

### User Interface & Control

- ✔ **Display:** 7"-TFT-display 800 x 480 pixel(s) Touch panel
- ✔ **Status Indicators:** Power, Status, Charge, Fault
- ✔ **Buttons and Switch:** Red Color Mushroom Headed Emergency stop button & Main On/Off Key switch
- ✔ **Authentication:** App Based OTP & QR Code Authentication
- ✔ **Billing & Payment:** App Based Billing as per unit consumed & Online Payments
- ✔ **Charge Option:** App Based Charge Option: Charge by kWh, Time, Amount & Battery Capacity
- ✔ **Customer Interaction Panel:** App Based Real-Time Charging Monitor & Alert

### Communication

- ✔ **Charging Protocol:** OCPP 1.6j
- ✔ **Between EVSE & CMS:** Ethernet, WLAN, 2G/3G/4G Dongles
- ✔ **Between EVSE & EV:** As Per AIS138-2 CAN Communication

### Environmental

- ✔ **Operating Temperature:** Range 0 °C to +55 °C
- ✔ **Storage Temperature:** Range -20 °C to +70 °C
- ✔ **Humidity:** < 95% relative humidity, non-condensing
- ✔ **Altitude:** Up to 2,000 m (6,000 ft.)

### Mechanical

- ✔ **Ingress Protection:** IP55
- ✔ **Enclosure Protection:** IK10 according to IEC 62262
- ✔ **Cooling:** Forced Air cooling
- ✔ **Mounting Type:** Ground Mounting
- ✔ **Dimension (W x H x D):** 750 x 1800 x 500 mm

### Application

- ✔ Commercial Charging
- ✔ Public Charging
- ✔ Fleet Charging



## COMBINED FAST CHARGER

# RCFCC-001

Type 2 CCS, GB/T & Type 2 AC Chargers

## SPECIFICATIONS

### Power Input

- ✔ **Input Rating:** 415 Vac (+6% and - 10%), 50±1.5Hz, PF >0.98
- ✔ **Number of Phase / Wire:** 3 Phase, L1, L2, L3, N and PE (Ground) 5 Wire AC System
- ✔ **Current THD:** As Per IEC61000-3-12
- ✔ **Standby Power:** 1Hr. Internal Battery Backup for the Control System

### Power Output

- ✔ **Output Rating:** 60 kW(Max) - 22 kW
- ✔ **Output Voltage:** 200-600 VDC - 415 Vac (+6% and - 10%), 3 Phase
- ✔ **Output Current:** 100 A(Max) - 32 A(Max), 50±1.5Hz
- ✔ **Efficiency:** >94%
- ✔ **No. of Output:** 2 NoS - 1 No
- ✔ **Charging Interface:** 2 Nos (CCS IEC 62196-3 / GB/T 20234.3 Connector with 5 m Cable) - IEC 62196-2 Connector with 5 m Cable

### Protection

- ✔ **Electrical Protection:** Over current, Under voltage, Over voltage, Residual current, Surge protection, Short circuit, Over temperature, Earth Leakage, Ground fault - 30mA

### User Interface & Control

- ✔ **Display:** 7"-TFT-display 800 x 480 pixel(s) Touch panel
- ✔ **Status Indicators:** Power, Status, Charge, Fault
- ✔ **Buttons and Switch:** Red Color Mushroom Headed Emergency stop button & Main On/Off Key switch
- ✔ **Authentication:** App Based OTP & QR Code Authentication
- ✔ **Billing & Payment:** App Based Billing as per unit consumed & Online Payments
- ✔ **Charge Option:** App Based Charge Option: Charge by kWh, Time, Amount & Battery Capacity
- ✔ **Customer Interaction Panel:** App Based Real-Time Charging Monitor & Alert

### Communication

- ✔ **Charging Protocol:** OCPP 1.6j
- ✔ **Between EVSE & CMS:** Ethernet, WLAN, 2G/3G/4G Dongles
- ✔ **Between EVSE & EV:** As Per AIS138-2 CAN Communication - As Per IEC61851-1

### Environmental

- ✔ **Operating Temperature:** Range 0 °C to +55 °C
- ✔ **Storage Temperature:** Range -20 °C to +70 °C
- ✔ **Humidity:** < 95% relative humidity, non-condensing
- ✔ **Altitude:** Up to 2,000 m (6,000 ft.)

### Mechanical

- ✔ **Ingress Protection:** IP55
- ✔ **Enclosure Protection:** IK10 according to IEC 62262
- ✔ **Cooling:** Forced Air cooling
- ✔ **Mounting Type:** Ground Mounting
- ✔ **Dimension (W x H x D):** 750 x 1800 x 500 mm

### Application

- ✔ Commercial Charging
- ✔ Public Charging
- ✔ Fleet Charging



## COMBINED FAST CHARGER

# RCFCC-002

Type 2 CCS, GB/T & Type 2 AC Chargers

## SPECIFICATIONS

### Power Input

- ✔ **Input Rating:** 415 Vac (+6% and - 10%), 50±1.5Hz, PF >0.98
- ✔ **Number of Phase / Wire:** 3 Phase, L1, L2, L3, N and PE (Ground) 5 Wire AC System
- ✔ **Current:** THD As Per IEC61000-3-12
- ✔ **Standby Power:** 1Hr. Internal Battery Backup for the Control System

### Power Output

- ✔ **Output Rating:** 120 kW(Max) 22 kW
- ✔ **Output Voltage:** 200-600 VDC - 415 Vac (+6% and - 10%), 3 Phase
- ✔ **Output Current:** 200 A(Max) - 32 A(Max), 50±1.5Hz
- ✔ **Efficiency:** >94%
- ✔ **No. of Output:** 2 Nos - 1 No
- ✔ **Charging Interface:** 2 Nos (CCS IEC 62196-3 / GB/T 20234.3 Connector with 5 m Cable) - IEC 62196-2 Connector with 5 m Cable

### Protection

- ✔ **Electrical Protection:** Over current, Under voltage, Over voltage, Residual current, Surge protection, Short circuit, Over temperature, Earth Leakage, Ground fault - 30mA

### User Interface & Control

- ✔ **Display:** 7"-TFT-display 800 x 480 pixel(s) Touch panel
- ✔ **Status Indicators:** Power, Status, Charge, Fault
- ✔ **Buttons and Switch:** Red Color Mushroom Headed Emergency stop button & Main On/Off Key switch
- ✔ **Authentication:** App Based OTP & QR Code Authentication
- ✔ **Billing & Payment:** App Based Billing as per unit consumed & Online Payments
- ✔ **Charge Option:** App Based Charge Option: Charge by kWh, Time, Amount & Battery Capacity
- ✔ **Customer Interaction Panel:** App Based Real-Time Charging Monitor & Alert

### Communication

- ✔ **Charging Protocol:** OCPP 1.6j
- ✔ **Between EVSE & CMS:** Ethernet, WLAN, 2G/3G/4G Dongles
- ✔ **Between EVSE & EV:** As Per AIS138-2 CAN Communication - As Per IEC61851-1

### Environmental

- ✔ **Operating Temperature:** Range 0 °C to +55 °C
- ✔ **Storage Temperature:** Range -20 °C to +70 °C
- ✔ **Humidity:** < 95% relative humidity, non-condensing
- ✔ **Altitude:** Up to 2,000 m (6,000 ft.)

### Mechanical

- ✔ **Ingress Protection:** IP55
- ✔ **Enclosure Protection:** IK10 according to IEC 62262
- ✔ **Cooling:** Forced Air cooling
- ✔ **Mounting Type:** Ground Mounting
- ✔ **Dimension (W x H x D):** 750 x 1800 x 500 mm

### Application

- ✔ Commercial Charging
- ✔ Public Charging
- ✔ Fleet Charging



## COMBINED FAST CHARGER

# RCFCC-003

Type 2 CCS,  
CHAdeMO & Type 2 AC Chargers

## SPECIFICATIONS

### Power Input

- ✔ **Input Rating:** 415 Vac (+6% and - 10%), 50±1.5Hz, PF >0.98
- ✔ **Number of Phase / Wire:** 3 Phase, L1, L2, L3, N and PE (Ground) 5 Wire AC System
- ✔ **Current:** As Per IEC61000-3-12
- ✔ **Standby Power:** 1Hr. Internal Battery Backup for the Control System

### Power Output

- ✔ **Output Rating:** 60 kW(Max) - 22 kW
- ✔ **Output Voltage:** 200-600 VDC - 415 Vac (+6% and - 10%), 3 Phase
- ✔ **Output Current:** 100 A(Max) - 32 A(Max), 50±1.5Hz
- ✔ **Efficiency:** >94%
- ✔ **No. of Output:** 2 Nos - 1 No
- ✔ **Charging Interface:** 2 Nos (CCS IEC 62196-3 / CHAdeMO Connector with 5 m Cable) - IEC 62196-2 Connector with 5 m Cable

### Protection

- ✔ **Electrical Protection:** Over current, Under voltage, Over voltage, Residual current, Surge protection, Short circuit, Over temperature, Earth leakage, Ground fault -30mA

### User Interface & Control

- ✔ **Display:** 7"-TFT-display 800 x 480 pixel(s) Touch panel
- ✔ **Status Indicators:** Power, Status, Charge, Fault
- ✔ **Buttons and Switch:** Red Color Mushroom Headed Emergency stop button & Main On/Off Key switch
- ✔ **Authentication:** App Based OTP & QR Code Authentication
- ✔ **Billing & Payment:** App Based Billing as per unit consumed & Online Payments
- ✔ **Charge Option:** App Based Charge Option: Charge by kWh, Time, Amount & Battery Capacity
- ✔ **Customer Interaction Panel:** App Based Real-Time Charging Monitor & Alert

### Communication

- ✔ **Charging Protocol:** OCPP 1.6j
- ✔ **Between EVSE & CMS:** Ethernet, WLAN, 2G/3G/4G Dongles
- ✔ **Between EVSE & EV:** As Per AIS138-2 CAN Communication - As Per IEC61851-1

### Environmental

- ✔ **Operating Temperature:** Range 0 °C to +55 °C
- ✔ **Storage Temperature:** Range -20 °C to +70 °C
- ✔ **Humidity:** < 95% relative humidity, non-condensing
- ✔ **Altitude:** Up to 2,000 m (6,000 ft.)

### Mechanical

- ✔ **Ingress Protection:** IP55
- ✔ **Enclosure Protection:** IK10 according to IEC 62262
- ✔ **Cooling:** Forced Air cooling
- ✔ **Mounting Type:** Ground Mounting
- ✔ **Dimension (W x H x D):** 750 x 1800 x 500 mm

### Application

- ✔ Commercial Charging
- ✔ Public Charging
- ✔ Fleet Charging



## COMBINED FAST CHARGER

# RCFCC-004

Type 2 CCS,  
CHAdeMO & Type 2 AC Chargers

## SPECIFICATIONS

### Power Input

- ✔ **Input Rating:** 415 Vac (+6% and - 10%), 50±1.5Hz, PF >0.98
- ✔ **Number of Phase / Wire:** 3 Phase, L1, L2, L3, N and PE (Ground) 5 Wire AC System
- ✔ **Current THD** As Per IEC61000-3-12

### Power Output

- ✔ **Output Rating:** 120 kW(Max) - 22 kW
- ✔ **Output Voltage:** 200-600 VDC - 415 Vac (+6% and - 10%), 3 Phase
- ✔ **Output Current:** 200 A(Max) - 32 A(Max), 50±1.5Hz
- ✔ **Efficiency:** >94%
- ✔ **No. of Output:** 2 Nos - 1 No
- ✔ **Charging Interface:** 2 Nos (CCS IEC 62196-3 / CHAdeMO Connector with 5 m Cable) - IEC 62196-2 Connector with 5 m Cable

### Protection

- ✔ **Electrical Protection:** Over current, Under voltage, Over voltage, Residual current, Surge protection, Short circuit, Over temperature, Earth Leakage, Ground fault- 30mA

### User Interface & Control

- ✔ **Display:** 7"-TFT-display 800 x 480 pixel(s) Touch panel
- ✔ **Status Indicators:** Power, Status, Charge, Fault
- ✔ **Buttons and Switch:** Red Color Mushroom Headed Emergency stop button & Main On/Off Key switch
- ✔ **Authentication:** App Based OTP & QR Code Authentication
- ✔ **Billing & Payment:** App Based Billing as per unit consumed & Online Payments
- ✔ **Charge Option:** App Based Charge Option: Charge by kWh, Time, Amount & Battery Capacity
- ✔ **Customer Interaction Panel:** App Based Real-Time Charging Monitor & Alert

### Communication

- ✔ **Charging Protocol:** OCPP 1.6j
- ✔ **Between EVSE & CMS:** Ethernet, WLAN, 2G/3G/4G Dongles
- ✔ **Between EVSE & EV:** As Per AIS138-2 CAN Communication - As Per IEC61851-1

### Environmental

- ✔ **Operating Temperature:** Range 0 °C to +55 °C
- ✔ **Storage Temperature:** Range -20 °C to +70 °C
- ✔ **Humidity:** < 95% relative humidity, non-condensing
- ✔ **Altitude:** Up to 2,000 m (6,000 ft.)

### Mechanical

- ✔ **Ingress Protection:** IP55
- ✔ **Enclosure Protection:** IK10 according to IEC 62262
- ✔ **Cooling:** Forced Air cooling
- ✔ **Mounting Type:** Ground Mounting
- ✔ **Dimension (W x H x D):** 750 x 1800 x 500 mm

### Application

- ✔ Commercial Charging
- ✔ Public Charging
- ✔ Fleet Charging



## AC SLOW CHARGER

# RCSAC-001

(Bharat EV AC Charger (BEVC-AC001))

## SPECIFICATIONS

### Power Input

- ✔ **Input Rating:** 415 Vac (+6% and – 10%), 15 A, 50±1.5Hz 10 kW
- ✔ **Number of Phase / Wire:** 3 Phase, L1, L2, L3, N and PE (Ground) 5 Wire AC System
- ✔ **Standby Power:** 1Hr. Internal Battery Backup for the Control System
- ✔ **Internal RCD:** RCD residual current device 30 mA

### Power Output

- ✔ **Output Rating:** 230 Vac (+6% and – 10%), Single Phase, 15 A, 50±1.5Hz 3.3 kW X 3 Nos.
- ✔ **No. of Output:** 3 Nos
- ✔ **Charging Interface:** 3 Independent IEC 60309 Socket Angle mounted looking downwards

### Protection

- ✔ **Electrical Protection:** Over current, Under voltage, Over voltage, Residual current, Surge protection, Short circuit, Over temperature, Earth Leakage, Ground fault - 30mA

### User Interface & Control

- ✔ **Display:** 5"-TFT-display 800 x 480 pixel(s) Touch panel
- ✔ **Status Indicators:** Power, Status, Charge, Fault
- ✔ **Buttons and Switch:** Red Color Mushroom Headed Emergency stop button
- ✔ **Authentication:** App Based OTP & QR Code Authentication
- ✔ **Billing & Payment:** App Based Billing as per unit consumed & Online Payments
- ✔ **Charge Option:** App Based Charge Option: Charge by kWh, Time & Amount
- ✔ **Customer Interaction Panel:** App Based Real-Time Charging Monitor & Alert

### Communication

- ✔ **Charging Protocol:** OCPP 1.6j
- ✔ **Between EVSE & CMS:** Ethernet, WLAN, 2G/3G/4G Dongles

### Environmental

- ✔ **Operating Temperature:** Range 0 °C to +55 °C
- ✔ **Storage Temperature:** Range -20 °C to +70 °C
- ✔ **Humidity:** < 95% relative humidity, non-condensing
- ✔ **Altitude:** Up to 2,000 m (6,000 ft.)

### Mechanical

- ✔ **Ingress Protection:** IP55
- ✔ **Enclosure Protection:** IK10 according to IEC 62262
- ✔ **Cooling:** Natural cooling
- ✔ **Mounting Type:** Wall / Pedestal / Pole Mounted
- ✔ **Dimension (W x H x D):** 380 x 560 x 180 mm

### Application

- ✔ **Community Charging**
- ✔ **Commercial Charging**
- ✔ **Public Charging**
- ✔ **Corporate Charging**
- ✔ **Fleet Charging**