

# POWERHERO SMART EV CHARGER

For Residential and Public

- ✓ RFID & Mobile App
- ✓ eMobility Platform
- ✓ OCPP & V2G\*
- ✓ Optimize charging



Apartment



Residential



Commercial & Industrial



Fleets

## Flexible

OCPP, Bluetooth, Wifi, Ethernet, 4G, RFID Reader, Zigbee 3.0, RS485

## Standard

CCS1/CCS2/IEC 61851/EN 62955 /DIN EN 50620/EN 62196  
AC&DC  
ISO15118-20  
Open Plug&Charge Protocol (OPCP)

## Security

Secure your charger with remote locking and unlocking.

## Savings

Save money by scheduling your charging sessions when energy is cheapest

## Value

Liven up public and residential charging with customized solutions

## Reliable

Ip54 and wallmount/stand installation provides high adaptability

| Model                                     | POWERHERO C7                                                                                               | POWERHERO C11                                  | POWERHERO C22     |
|-------------------------------------------|------------------------------------------------------------------------------------------------------------|------------------------------------------------|-------------------|
| Power Input                               |                                                                                                            |                                                |                   |
| Nominal Power                             | 7kW                                                                                                        | 11kW                                           | 22kW              |
| Nominal Current                           | 32A                                                                                                        | 16A                                            | 32A               |
| Grid Connection                           | single-phase electric power (L, N, PE)                                                                     | Three-phase electric power (L1, L2, L3, N, PE) |                   |
| AC Voltage                                | 230 V                                                                                                      | 400 V                                          |                   |
| Frequency                                 | 50 Hz / 60 Hz                                                                                              |                                                |                   |
| Grounding Systems                         | TN, TT                                                                                                     |                                                |                   |
| Terminal                                  | Terminal block                                                                                             |                                                |                   |
| Protection                                | Over current, Under voltage, Over voltage, Over temperature, Surge protection, Short circuit, Ground fault |                                                |                   |
| Standby Power                             | 3.7 W                                                                                                      |                                                |                   |
| Charging Output                           |                                                                                                            |                                                |                   |
| Nominal Power                             | single-phase:7kW                                                                                           | Three-phase: 11kW                              | Three-phase: 22kW |
| Nominal Current                           | 32 A                                                                                                       | 16A per phase                                  | 32A per phase     |
| Connector Type                            | AC Type 2 Plug                                                                                             |                                                |                   |
| Charging Voltage                          | 230 V                                                                                                      | 400 V                                          |                   |
| Cable Length                              | 5 m (models with AC Type 2 Plug charging interface)                                                        |                                                |                   |
| Protection                                | RCD Type A (AC 30 mA), RDC-DD (DC 6 mA)                                                                    |                                                |                   |
| User Interface                            |                                                                                                            |                                                |                   |
| Display                                   | Status LED, 3 colors                                                                                       |                                                |                   |
| Start Mode                                | RFID, APP                                                                                                  |                                                |                   |
| Network Interface                         |                                                                                                            |                                                |                   |
| WIFI / 4G / Ethernet/Zigbee3.0 (optional) |                                                                                                            |                                                |                   |
| Protocols and Applications                | Configuration, control, monitoring and firmware update                                                     |                                                |                   |
|                                           | RS485                                                                                                      |                                                |                   |
| Protocols and Applications                | ModBus RTU for energy management                                                                           |                                                |                   |
| Charging protocol                         | OCPP1.6/OCPP2.0 (optional)                                                                                 |                                                |                   |
| Mechanical Properties                     |                                                                                                            |                                                |                   |
| Ingress Protection (IEC 60529)            | IP54                                                                                                       |                                                |                   |
| Impact Protection (IEC 62262)             | IK09                                                                                                       |                                                |                   |
| Cooling                                   | Natural convection                                                                                         |                                                |                   |
| Dimensions(W x H x D)                     | 225× 327× 82 mm ( 8.9 × 12.9 × 3.2 inch)                                                                   |                                                |                   |
| Weight                                    | 3.5kg (7.72lbs), including charging cable                                                                  | 3.7kg (8.16lbs), including charging cable      |                   |
| Mounting method                           | Wall- Mounting/pole- Mounting(optional)                                                                    |                                                |                   |
| Environmental Conditions                  |                                                                                                            |                                                |                   |
| Operating Temperature Range               | - 30 °C to + 50 °C ( - 22 °F to + 122 °F)                                                                  |                                                |                   |
| Storage Temperature Range                 | - 40 °C to + 80 °C ( - 40 °F to + 176 °F)                                                                  |                                                |                   |
| Humidity                                  | < 95 % relative humidity, non-condensing                                                                   |                                                |                   |
| Altitude                                  | Up to 2,000 m (6,500 ft.)                                                                                  |                                                |                   |
| Compliance                                |                                                                                                            |                                                |                   |
| EU Low Voltage Directive EU               | EN/IEC 61851-1: 2019, EN 62955:2018                                                                        |                                                |                   |
| EMI Directive                             | EN 61851-21-2: 2021                                                                                        |                                                |                   |
| Warranty                                  | 2 years (standard)                                                                                         |                                                |                   |

POWERHERO

DRIVE  
THE LOW CARBON  
FUTURE

POWERHERO

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INTELLIGENT HOME ENERGY

For sales and partnership enquiries