# DASH CHARGER

# AC002 (SINGLE PHASE)
**SINGLE OUTLET: 9.6KW/11.5KW**
**DOUBLE OUTLETS: 2 X 9.6KW/11.5KW**

## FEATURES

1. Open Charge Point Protocol (OCPP1.6J+)
2. 5 Inch touch screen.
3. RFID & Credit card payment
4. APP operation
5. Ethernet & Wifi & 4G

## APPLICATIONS

DashCharger - AC002 provides tailored, intelligent and networked charging solutions for any business, home or location

### Charge At Work

Ranging from small workplaces to large offices; business parks and complexes. A growing number of employers are offering employees access to charging during working hours. Furthermore, access to these charging stations is restricted to authorized users.
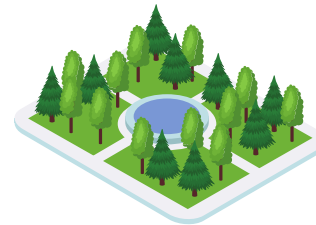
### Commercial Locations

This applies to hotels, sports institutions, shopping centers, and many more.
EV drivers favor businesses offering public charging as it enables them to charge their vehicles throughout their activities.

### Charge At Home

Some examples of these may include: private home to multi-unit residential buildings (MURBs) as well as condos and rental apartments. Charging stations can be installed in indoor and outdoor parking lots. Access to these stations is also restricted to authorized users.

### Public parking

Whether they're spending time out on the street or in a car park, EV drivers will take to parking offering public charging because of the convenience it provides.

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## DASHCHARGER AC SERIES –TECHNICAL DATA AC002

| General Features | |
|---|---|
| Charging mode | Level 2 |
| Vehicle connection | SAE J1772 plug with 5m cable |
| AC power output | Each outlet: 9.6kw/40A, 11.5kw/48A |
| Mounting options | Floor mounting |
| 5 inch LCD touchscreen | Connected/not connected during operation, communication signal strength, ground fault status, OCPP connection status, admin portal, real time charging kW, current/voltage, SOC |
| Charging status LEDs | Power, ready, charge, fault, network |
| Load management | via OCPP platform |
| **Communication** | |
| Interfaces | Ethernet, WiFi, 4G |
| User authentification | App or RFID (local Whitelist) |
| Back-end protocol | OCPP 1.6, upgrade-able to OCPP 2.0 |
| Software upgrade | Over the air (OTA) |
| **Electrical Details** | |
| Power supply voltage | Single phase: 208 V / 240 V AC, 60 Hz |
| Rated current settings (A) | 40A or 48A (Single Outlet), 80A or 96A (Double Outlet) |
| Cross wire section | Single outlet: 8 AWG / 6 AWG (75C rated wire) Double outlets: 3 AWG / 2 AWG (75C rated wire) |
| Power wiring | 3 Wire, L1, L2 plus ground |
| Energy metering | Revenue accurate, class 1(±1%) |
| Earth leakage protection & ground fault protection | CCID20 |
| Overvoltage/undervoltage protection | 230V±10% |
| Over current protection | Current +20% above configured threshold |
| Operating altitude | <=2000m |
| **General Design** | |
| Environmental rating | Indoor and Outdoor, IP54 |
| Dimensions (HxWxD) | 1630 x 400 x 280 (mm) |
| Weight | 46kg w/o cable; 49kg w/ single cable; 52kg w/ double cable |
| Ambient conditions | Operating temperature: -30˚ c ~ +55˚ c Storage Temp.: -40˚C to 60˚C 5% to 95% RH |
| Shell material | Sheet metal |
| Colours | White + blue shell |
| **Certificates and standards** | |
| ETL listed | UL 2594:2016 Ed.2; CSA C22.2#280:2016 Ed.2 |