AC 3.5kW Charger

VERITEK

Features:

- 16A,3 pin Socket
- AC Leakage Residual Current Detection 22mA AC
- Up to 16A @ 230V Charging
- Remote Authentication for Start and Stop
- Built in network connectivity Wi-Fi (MQTT/OCPP1.6)

Advantages:

- Compatible with 2/3/4 wheelers
- User authentication via WiFi/ BT/ OCPP1.6/ RFID/ MQTT
- Input Power :230 VAC, 1-phase 16A 50Hz
- Standard threshold protections

Applications:

- Residential
- Parking
- Service station
- Commercial
- Fleet

Technical specification

Input power

Input Rating: 230(+/-20) Vac, single phase 5A/10A/16A, 50 / 60 Hz

Number of Phase / Wire : L, N and PE (Ground), hardwired with terminal block

Standby Power: <5W

Output power

Output Rating: 230 V AC, single phase 5A/10A/16A, 50 / 60 Hz

Charging Interface: 3.5 kW 16A 3Pin Plug

Protection

Upstream: In accordance with local regulations

Electrical Protection: OC, UV, OV, RC , OT, Surge protection, Short circuit, Ground fault, Plug-out protection

Automatic recovery after Nuisance Trip : The EVSE will automatically resume charging after a minor fault such as OVP, UVP, OTP or OV. No user intervention required

UserInterface & Control

Status Indicators: Power, network, Charging, status

Control type : Mobile applications/WEB/NFC

Charger Configuration: Charging Current Adjustment, Charging Duration Limitation using Remote Application

Communication

Network Interface: Wi-Fi Network / 4G LTE

Charging Protocol: MQTT/OCPP 1.6

Mechanical

Mechanical: Can be customized as per Customer Requirement

Dimension (WxHxD) / Weight: 230 x 160 x 80 mm, excluding charging cable, mounting plate and cable holder, 1kg without package

EV infrastructure software

Management console utility to configure and control EV chargers remotely with a rich dashboard for continuous monitoring

AmpOCPP cloud and firmware built-in integration with GSM service provider for managing connectivity with field deployed chargers

Ucharge Mobile APP manager user onboarding and journey with built-in management console