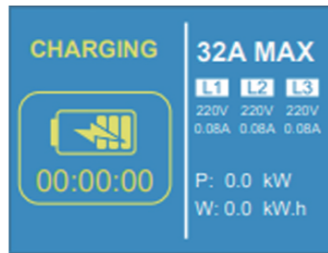


Challenger Series Home Wallbox

The stylish Challenger Series Home Wallbox is perfect for Type 2 EV models. With network connectivity and OCPP 1.6 compatibility, it offers load balancing charging features. Ideal for residential use, it combines style and functionality.



• Intelligent

Connectivity: Wi-Fi+4G+Bluetooth/Wi-Fi+Bluetooth
 Smart mobile App control
 Scheduled charging
 OCPP 1.6 Json
 Dynamic load balancing
 2.4 Inches Colors LCD Screen(Optional)

• Flexible Option

16A/32A adjustable output current
 Wall-mount/Floor stand installation
 App operation/RFID authentication/Plug & Play
 Compatible with all EV & PHEV models

• Secure & Safe

Type A+DC 6mA
 Relay-sticking protection
 Ergonomic and user-friendly enclosure design
 Over temperature protection
 Over&Residual current detection

• Simple Operation

Start/Stop charging by RFID card
 Simple HMI with LED indicators
 Robust enclosure
 Easy installation



PRODUCT PARAMETER

| Datasheet | Model | BSC-AC0707EN | BSC-AC1107EN | BSC-AC2207EN |
|---------------------------------|----------------------------|--|--------------|--------------|
| Electrical Specification | Power Supply | 1P+N+PE | 3P+N+PE | 3P+N+PE |
| | Rated Voltage | 230VAC | 400VAC | 400VAC |
| | Rated Current | 32A | 16A | 32A |
| | Frequency | 50/60Hz | 50/60Hz | 50/60Hz |
| | Rated Power | 7KW | 11KW | 22KW |
| Basic Attributes | Charge Connector | Type 2 Socket | | |
| | Cable Length | No | | |
| | Enclosure | PC | | |
| | Installation | Wall-mount/Pole-mount(Optional) | | |
| Interactive Interface | LEDIndicator | Green/Blue/Red | | |
| | RFID Reader | MifareISO/IEC14443 A | | |
| | 4.3"LCD | Optional | | |
| | Start Mode | Plug&Play/RFID card/App (Optional) | | |
| | Communication | Emergency Stop | Yes | |
| WiFi&Bluetooth | | Optional | | |
| 4G | | Optional | | |
| OCPP 1.6 | | Optional | | |
| Safety | RCD | 30mA Type A+ 6mA DC sensitive protective device | | |
| | PEN Protection | Optional | | |
| | DLB | Optional | | |
| | Ingress Protection | IP54 | | |
| | Impact Protection | IK08 | | |
| | Electrical Protection | Over current protection,Residual current protection,Surge protection, Over/Under voltage protection, Over/Under frequency protection.Overttemperature protection | | |
| | Certification | CE/CB/UKCA / ETL/CETL/OCPP1.6/Energy Star | | |
| | Certification Standard | EN IEC61851-1:2019,IEC 61851-1:2017,IEC 61851-21-2:2018 | | |
| | Warranty | 2 years | | |
| | Working Environment | Work Temperature | -20°C~+50°C | |
| Work Humidity | | 3%-95% | | |
| Work Altitude | | <2000m | | |
| Package | Product Dimension | 350*200*105mm(H*W*D) | | |
| | Package Dimension | 485*375*155mm(L*W*H) | | |
| | Net Weight | 2.1kg /2.2kg /2.2kg | | |
| | Gross Weight | 2.5kg / 2.6kg /2.6kg | | |
| | ExternalPackage | Carton | | |