



ECA-B AC Charger

ECA-S07K/S11K-BS0

Intelligent and Convenient

- Integrated System: PV, storage, and EV charging combined for optimized energy use.
- Remote Access: Configurate and monitor via APP or website from anywhere.
- Scheduled Charging: Reduce bills during peak and valley price.
- Dual Activation: Operate with either RFID card or App / Dual-channel to start
 & stop with RFID card and App.

Energy Efficiency

- Green Mode: Reduce electricity bills by optimizing energy consumption.
- Low Standby Power: Energy-efficient with less than 4W standby consumption.
- · High Compatibility: Support a wide range of vehicle models.
- Safety Protections: Feature 7 integrated protections for safe charging.

Installation and Durability

- · Versatile Installation: Wall or pole mounting options available.
- Compact Design: Easy to install and maintain due to light weight and compact structure.
- Weatherproof: Rated IP65, suitable for all environments.
- Impact Resistant: IK10 rating for high durability against impacts.





| General Information | | | |
|-----------------------------|---|---|--|
| Model | ECA-S07K-BS0 | ECA-S11K-BS0 | |
| Charging Mode | Mode 3 (IEC 61851-1) | | |
| Input Rating | 230±15%Vac, 50/60Hz, single-phase, L+N+PE | 400±15%Vac, 50/60Hz, three-phase, L1+L2+L3+N+PE | |
| Output Rating | 7kW/ max. 32A | 11kW/ max. 16A | |
| Grid Type | TN-S, TN-C-S, TT, IT(L1+L2 230Vac Single phase) | | |
| Charging Interface | IEC 62196-2 Type 2 tethered plug (Case C) | | |
| Metering | Onboard metering chip | | |
| Power Consumption | 4W | | |
| Residual Current Protection | DC 6mA | | |
| Protection | Overcurrent, Overvoltage, Undervoltage, Residual current, Over temperature, Grounding fault, Integrated surge protection | | |
| | User Interface | | |
| Status Indication | LED indicator | | |
| Button & Switch | Emergency button | | |
| User Authentication | RFID card, App | | |
| RFID Reader | ISO 14443 A | | |
| Communication | | | |
| Network Interface | RS485 | | |
| Protocol (EVSE&EV) | Control pilot | | |
| | Environmental | | |
| Operating Temperature | -30°C to 50°C | | |
| Storage Temperature | -40°C to 85°C | | |
| Humidity | 5% to 95% no condensation | | |
| Altitude | ≤3000m above sea level | | |
| | Mechanical | | |
| IP Rating | IP65 | | |
| IK Rating | IK10 | | |
| Cooling | Natural cooling | | |
| Charging Cable Length | 5m | | |
| Dimensions (WxHxD) | 280*280*148 mm(without Pole), 280*1210*201mm(with Pole) | | |
| Weight | Approx. 4kg | | |
| Installation | Wall Mounting, Pole Mounting | | |
| | Certification and standards | | |
| Standards and compliance | IEC 61851-1, IEC 61851-21-2, LVD 2014/35/EU, RED 2014/53/EU, IEC 62955 (RCD), RoSH 2.0, REACH | | |
| Certification | CE-RED, CB | | |