



# A SERIES

EV CHARGER



## SOCKET VERSION



## PLUG VERSION

- |         |       |              |
|---------|-------|--------------|
| • A7300 | 7.3kW | SINGLE-PHASE |
| • A011K | 11kW  | THREE-PHASE  |
| • A022K | 22kW  | THREE-PHASE  |



### ROBUST DURABILITY

IP55 and IK08 protection for reliable performance.



### SMART CONNECTIVITY

Connect via Bluetooth, Wi-Fi, 4G, or Ethernet.



### FLEXIBLE INTEGRATION

OCPP 1.6JSON or 2.0.1 compliant with an open MODBUS interface.



### ADVANCED TECHNOLOGY

V2G Hardware-ready (ISO 15118) with dynamic load balancing.



### SCHEDULED TIME CHARGING

Set the charging time as you wish.



### RENEWABLE ENERGY COMPATIBILITY

Direct surplus solar power for EV charging.

TECHNICAL SPECIFICATIONS

| MODEL                            | A7300PI-E-B                                                                                                                                                     | A011KPI-E-B | A022KPI-E-B | A7300SI-E-B  | A011KSI-E-B  | A022KSI-E-B  |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-------------|--------------|--------------|--------------|
|                                  |                                                                                                                                                                 |             |             | A7300S-T2S-B | A011KS-T2S-B | A022KS-T2S-B |
| AC INPUT                         |                                                                                                                                                                 |             |             |              |              |              |
| Wiring Scheme                    | L/N/PE                                                                                                                                                          | 3L/N/PE     | 3L/N/PE     | L/N/PE       | 3L/N/PE      | 3L/N/PE      |
| Rated Input Voltage [Vac]        | 230±20%                                                                                                                                                         | 400±20%     | 400±20%     | 230±20%      | 400±20%      | 400±20%      |
| Rated Input AC Current [A]       | 32                                                                                                                                                              | 16          | 32          | 32           | 16           | 32           |
| Rated Input Frequency [Hz]       | 50/60                                                                                                                                                           |             |             |              |              |              |
| Standby Power Consumption [W]    | ≤10                                                                                                                                                             |             |             |              |              |              |
| AC OUTPUT                        |                                                                                                                                                                 |             |             |              |              |              |
| Max. AC Power [kW]               | 7.3                                                                                                                                                             | 11          | 22          | 7.3          | 11           | 22           |
| Rated Output AC Current [A]      | 32                                                                                                                                                              | 16          | 32          | 32           | 16           | 32           |
| Power Accuracy [%]               | ≤2                                                                                                                                                              |             |             |              |              |              |
| PROTECTION                       |                                                                                                                                                                 |             |             |              |              |              |
| Electrical Protection            | Over/Under Voltage Protection, Overcurrent Protection, Leakage Current, Ground Protection, Surge Protection, Overtemperature Protection, Tamper Protection, PEN |             |             |              |              |              |
| Environmental Protection         | Salt-mist-resistant, UV-resistant Treatment                                                                                                                     |             |             |              |              |              |
| GENERAL DATA                     |                                                                                                                                                                 |             |             |              |              |              |
| Connector Type                   | IEC 62196 Type 2 Cable, Type 2 Socket, Type 2 Socket With Shutter                                                                                               |             |             |              |              |              |
| Bluetooth                        | Yes                                                                                                                                                             |             |             |              |              |              |
| Wifi (2.4GHz)                    | Yes                                                                                                                                                             |             |             |              |              |              |
| Ethernet (RJ45)                  | Yes                                                                                                                                                             |             |             |              |              |              |
| OCPP 1.6 JSON or OCPP 2.0.1      | Yes                                                                                                                                                             |             |             |              |              |              |
| 4G LTE <sup>[i]</sup>            | Optional, SIM Card Size: Micro-SIM (3FF)                                                                                                                        |             |             |              |              |              |
| Communication with the vehicle   | Optional, ISO 15118 ready                                                                                                                                       |             |             |              |              |              |
| RFID Reader                      | Mifare ISO/IEC 14443 A                                                                                                                                          |             |             |              |              |              |
| Start Mode                       | Plug&Charge/RFID Card/App                                                                                                                                       |             |             |              |              |              |
| Installation                     | Wall-mount / Post-mount                                                                                                                                         |             |             |              |              |              |
| Operating Temperature Range [°C] | -30 ~ +50                                                                                                                                                       |             |             |              |              |              |
| Storage Temperature [°C]         | -40 ~ +70                                                                                                                                                       |             |             |              |              |              |
| Operating Humidity [%]           | 5 ~ 95 (No condensation)                                                                                                                                        |             |             |              |              |              |
| Operating Altitude [m]           | <2000                                                                                                                                                           |             |             |              |              |              |
| Dimensions (W*H*D) [mm]          | 190*320*130                                                                                                                                                     |             |             | 190*320*144  |              |              |
| Net Weight [kg]                  | ≤6.3                                                                                                                                                            |             |             | ≤3.2         |              |              |
| Charging Cable Length [m]        | 6                                                                                                                                                               |             |             | /            |              |              |
| IP Protection Rating             | Body-IP65, Socket-IP55                                                                                                                                          |             |             |              |              |              |
| IK Protection Rating             | IK08                                                                                                                                                            |             |             |              |              |              |
| Residual Current Detection*      | AC 30mA+ DC 6 mA                                                                                                                                                |             |             |              |              |              |
| Cooling                          | Self Cooling                                                                                                                                                    |             |             |              |              |              |
| EMC                              | Class B                                                                                                                                                         |             |             |              |              |              |
| Certification                    | CE/CB/UKCA/RCM                                                                                                                                                  |             |             |              |              |              |
| Certification Standard           | EN/IEC 61851-1: 2019, EN/IEC 61851-21-2: 2021                                                                                                                   |             |             |              |              |              |

[1] Requires external SIM card (not included)  
\*Internal RCD-DD meets the trip time characteristics specified in IEC 62955  
\*External RCCB is required  
\*Select Type A or Type B according to local regulations