



# SAT 17.6



Type 1

CAC-001801-T00

## AC Charger - TW

The products are typically suited for longer period charging time and slow charging needs and applied in home, community, small commercial and public parking lot.

This series of chargers are compact, easy to install, and comes with various power options for different charging needs.



### Product

## HIGHLIGHT



Support connect to any backend based on OCPP 1.6J protocol and remote control and monitor.



Support multiple electrical protection and comply with international verification to ensure user safety.



Compact and light design for tiny space and easy to install and maintain.



## AC Charger

| Series                      | SAT 7                                                                                           |                      | SAT 11             | SAT 17.6           |
|-----------------------------|-------------------------------------------------------------------------------------------------|----------------------|--------------------|--------------------|
| Model Name                  | CAC-000701-T00                                                                                  | CAC-000702-T00       | CAC-001101-T00     | CAC-001801-T00     |
| Power Input                 |                                                                                                 |                      |                    |                    |
| Input power / current       | 7 kW / 32 A max                                                                                 |                      | 11 kW / 50 A max   | 17.6 kW / 80 A max |
| Input voltage               | 220 Vac±10%, 60 Hz, for single-phase                                                            |                      |                    |                    |
| Wire connection             | L1+N+PE for single-phase                                                                        |                      |                    |                    |
| Power Output                |                                                                                                 |                      |                    |                    |
| Charging interface          | Type 1 (SAE J1772)                                                                              | Type 2 (IEC 62196-2) | Type 1 (SAE J1772) | Type 1 (SAE J1772) |
| Output power / current      | 7 kW / 32 A max                                                                                 |                      | 11 kW / 50 A max   | 17.6 kW / 80 A max |
| Output voltage              | 220 Vac±10%, 60 Hz, single-phase                                                                |                      |                    |                    |
| Metering                    | 1% accuracy by onboard metering chip                                                            |                      |                    |                    |
| User Interface              |                                                                                                 |                      |                    |                    |
| Status indication / display | LED indicator / w/o digital display                                                             |                      |                    |                    |
| Button and switch           | Emergency button (only 7kW) / Rotary switch for setting output current limitation (inside case) |                      |                    |                    |
| User authentication         | Free Charge / RFID Card / QR Code and APP                                                       |                      |                    |                    |
| RFID reader                 | ISO/IEC 14443 A, IEC/ISO 15693                                                                  |                      |                    |                    |
| Interface / Communication   |                                                                                                 |                      |                    |                    |
| Interface                   | 4G, Wi-Fi, RFID, Ethernet                                                                       |                      |                    |                    |
| Protocol (EVSE&Backend)     | OCPP 1.6J                                                                                       |                      |                    |                    |
| Protocol (EVSE&EV)          | Control pilot                                                                                   |                      |                    |                    |
| General Parameter           |                                                                                                 |                      |                    |                    |
| Operating temperature       | -30 °C to 50 °C                                                                                 |                      |                    |                    |
| Humidity                    | 5 % to 95 % RH, no condensation                                                                 |                      |                    |                    |
| Altitude                    | ≤3000 m                                                                                         |                      |                    |                    |
| Mechanical                  |                                                                                                 |                      |                    |                    |
| Enclosure protection        | IP55 / IK10                                                                                     |                      |                    |                    |
| Cooling                     | Natural convection                                                                              |                      |                    |                    |
| Cable length                | 5 m                                                                                             |                      |                    |                    |
| Dimensions (WxHxD)          | 280 x 280 x 148 mm                                                                              |                      |                    |                    |
| Weight                      | Approx. 4.6 kg                                                                                  |                      | Approx. 6.2 kg     | Approx. 5.6 kg     |
| Installation                | Wall - mounting / Pole - mounting (Pole is optional)                                            |                      |                    |                    |
| Compliance                  |                                                                                                 |                      |                    |                    |
| Internal RCD                | AC 30 mA, DC 6 mA (IEC 62955)                                                                   |                      |                    |                    |
| Protection                  | OCP, OVP, UVP, OTP, Residual current detection, Grounding fault, Surge protection.              |                      |                    |                    |
| Standards                   | Safety: CNS 15511-1, CNS 15700-1/-2<br>EMC: CNS 15511-21-2,                                     |                      |                    |                    |
| Certification               | BSMI-VPC, NCC                                                                                   |                      |                    |                    |

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