



| Model | SUN-EVSE11K01-EU-AC | SUN-EVSE22K01-EU-AC |
|-------|---------------------|---------------------|
|-------|---------------------|---------------------|

| Product Parameter                |   |   |
|----------------------------------|---|---|
| Input Voltage/Range (V)          | 230/400   | 230(single phase), 230/400(three phase) |
| Connection Mode                  | 3L+N+PE   | L+N+PE,3L+N+PE                          |
| Input Current (A)                | 16  | 32                                      |
| Input Frequency/Range            | 50/45-55, 60/55-65  |   |
| Maximum Output Power (kW)        | 11  | 7(single phase)/ 22(three phase)        |
| Starting Method                  | Plug and Charge /Charge after Scanning/Appointment for Charging   |   |
| Equipment Protection             |   |   |
| Over Temperature Protection      | Yes   |   |
| Low Temperature Protection       | Yes   |   |
| Over Voltage Protection          | Yes   |   |
| Under Voltage Protection         | Yes   |   |
| Short Circuit Protection         | Yes   |   |
| Over Load Protection             | Yes   |   |
| Earth Fault Protection           | Yes   |   |
| Leakage Current Protection       | DC 6mA  |   |
| Surge Protection Level           | TYPE II   |   |
| General Data                     |   |   |
| Operating Temperature Range (°C) | -40 to +55  |   |
| Permissible Ambient Humidity     | 5%~95% No condensation  |   |
| Permissible Altitude (m)         | ≤3000   |   |
| Noise (dB)                       | <25   |   |
| Ingress Protection(IP) Rating    | IP 66   |   |
| Cabinet Size (WxHxD mm)          | 104x264x57.5  |   |
| Weight (kg)                      | 3.7   |   |
| Gun Cable Length (m)             | 4.2   |   |
| Number Of Charging Guns          | 1   |   |
| MTBF                             | 100,000h  |   |
| Safety EMC/Standard              | EN IEC 61851-1:2019, IEC 61851-1:2017, EN 300 220-2 V3.1.1:2017, EN 300 328 V2.2.2:2019, EN IEC 62311:2020<br>EN 301 489-1 V2.2.3:2019, EN 301 489-3 V2.3.2:2023, EN 301 489-17 V3.3.1:2024, EN IEC 61000-6-1:2019<br>EN IEC 61000-6-3:2021, EN IEC 61851-21-2:2021 |   |
| Interface                        |   |   |
| Communication Mode               | LoRa/Wi-Fi/BLE  |   |