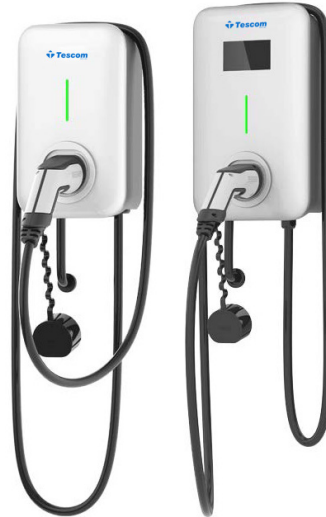# AC WALLBOX

## EV Charger 7KW/11KW/22KW

Tescom AC Wallbox is a full featured EV Charger for home and commercial use. Its robust, weatherproof design up to IP65, allows it to operate at a temperature rate of -40"C to 60°C. It is always connected with Wi-Fi, Bluetooth, and Ethernet (optional for home version), 4G (optional for commercial version), for remote management and monitoring from any computer or smart mobile device.

Remote Management

## GENERAL SPECIFICATIONS

- OCPP-compliant, capable of connecting with third party systems
- Dynamic load management, efficient distribution of energy for optimal charging
- Scheduled charging time for lower rates
- Set custom charging fees, real-time charging insights via operating system (commercial version)
- -40"C to 60°C operating temperature

- Easy to install and maintain
- Continuous uptime without abnormal interruption
- Plug and charge, quick setup and easy control via app (home version)
- Current limiting protection to prevent nuisance tripping
- 9-fold protections for user and vehicle safety
- CE & RoHS certified by third party
- Weatherproof design, up to IP65

Βόλου 7, 183 46 Μοσχάτο
Volou 7, 18 346, Moschato, Greece
+30 210 9590080
info@tescom-ups.gr
www.tescom-ups.gr

| MODEL | Home Edition | Commercial Edition |
|---|---|---|
| **INPUT / Output** | | |
| Capacity | 7kW / 11kW | 7kW / 11kW / 22kW |
| Voltage | 230VAC±20% / 400VAC±20% | |
| Current | Single phase 32A / Three phase 16A | Single phase 32A / Three phase 16 / 32A |
| Frequency | 50Hz ±1% / 60Hz ±1% | |
| Network type | TN /TT/ IT (LN voltage 240V) | TN /TT/ IT |
| **INTERACTION INTERFACE** | | |
| Material | PC+ASA | |
| LED indicator | Available | |
| Screen | N/A | 4.3-inch color screen (optional) |
| Charging cable length | Standard: 3.5m; Optional: 5m | Standard: 3.5m; Optional: 5m & 7m |
| Parent/ child | N/A | Up to 20 child units per parent unit |
| Standby power consumption | <4W | |
| **CHARGING CONFIGURATION AND STANDARD** | | |
| Vehicle connection | Cable (standard)/ Socket (optional) | |
| Certification | CE, RoHS | |
| Standards | EN IEC61851-1, EN IEC61851-21-2 | |
| Communication | Standard: Wi-Fi, Bluetooth; Optional: PLC, Ethernet | Standard: Wi-Fi, Bluetooth, Ethernet; Optional: 4G |
| User authentication | Plug and charge, RFID, APP | RFID, APP |
| Backend protocol | OCPP1.6J | OCPP1.6J, OCPP2.0 |
| **PROTECTION** | | |
| Residual current | 30mA VAC, 6mA VDC | |
| Safety | Overvoltage, undervoltage, grounding, ambient overtemperature, lightning, leakage, overcurrent, relay sticking detection, residual current protection, integrated surge protection, ground continuity detection | |
| **OTHER SPECS** | | |
| Operating temperature | -40°C - +60°C | |
| Relative humidity | 5%- 95% | |
| Altitude | ≤ 2000m | |
| IP rating | Cable version: IP65; Socket version: IP55 | |
| Installation | Wall-/ pole-mounting | |
| Dimensions (H x W x D) mm | 320 X 190 X 110 | 395 X 235 X 110 |
| Package dimension (H x W x D) mm | Cable. 470 x 390 x 315 Socket: 410 x 280 x 280 | Cable. 545 x 435 x 315 Socket: 485 x 325 x 280 |
| Weight (kg) | Cable version ≤ 5kg (cable and pole not included), Socket version ≤ 4kg | |

Product specifications are subject to change without further notice

**Tescom** HELLAS

Βόλου 7, 183 46 Μοσχάτο
Volou 7, 18 346, Moschato, Greece

+30 210 9590080
info@tescom-ups.gr

www.tescom-ups.gr