

## AC EV Charger

# SmartAC 22kW

This SmartAC series of dual-gun AC wallbox chargers delivers a compact, reliable, and future-ready solution for residential, workplace, and public charging applications. It is friendly to users with its simple design and operation which makes it easier to install, maintain and control. SmartAC commercial is also designed to save power consumption and energy cost, just enjoy the convenient use of SmartAC commercial AC chargers.

### Compact & Easy to Install

- The 2x11 kW dual-type AC charger fits a small footprint and installs quickly, making it ideal for parking lots, workplaces, and apartment buildings.
- Its sleek, weatherproof enclosure and ergonomic charging gun offer a modern look and effortless plug-and-play operation for every user.

### Intelligent User Experience & Universal Compatibility

- Integrated display and simple controls show live charging status, power and cost, so drivers and operators get clear, actionable information at a glance.
- Dual 11 kW outputs and universal AC compatibility support a wide range of EVs that use onboard chargers, maximizing uptime and user satisfaction.

### Robust Reliability & Industry-grade Safety

- Built with high-quality components and engineered for harsh outdoor conditions, the unit delivers stable, long-term performance and low maintenance.
- Multiple protections, improved heat dissipation to ensure safe, worry-free charging for vehicles and facilities.



## Highlights



Temperature  
Protection



Protection  
Level IP65

# Technical Specifications

| SmartAC 22kW 2x11kW         |                                                                      |
|-----------------------------|----------------------------------------------------------------------|
| Power                       | 22kW                                                                 |
| Number of Rechargeable Guns | Double Gun                                                           |
| Gun Line Lenght             | 5m                                                                   |
| Display Method              | 5inch                                                                |
| Startup Method              | RFID Plug and Charge                                                 |
| Networking Method           | 4G WiFi Internet Bluetooth                                           |
| Network Platform            | WS/WSS OCPP1.6J (OCPP2.0 Optional)                                   |
| Input Voltage               | AC220V ±20% AC380V ±10%                                              |
| Output Current              | 16A/32A                                                              |
| Input Frequency             | 48Hz-65Hz                                                            |
| Protection Function         | Short Circiit, Overload, Overtemperature, Leakage, Overvoltage, etc. |
| Extended Function           | DLB, PEN                                                             |
| Protection Level            | IP55                                                                 |
| Oparating Temperature       | -20°C~+50°C                                                          |
| Storage Temperature         | -40°C~+70°C                                                          |
| Relative Humidity           | 5°C~+95°C                                                            |
| Altitude                    | ≤2000m                                                               |
| Installation Method         | Wall/Column                                                          |

## Applicable Scenes

**Residential Charging:** This 22 kW dual-output EV charger is ideal for homeowners needing fast and reliable home charging. Its compact design and smart AC technology ensure everyday convenience and safety.

**Workplace Charging:** The 2 × 11 kW setup is well suited for offices, factories, and commercial sites, charging two vehicles at once. It supports employee EV use while efficiently managing available power.

**Public & Semi-Public Charging:** Ideal for public parking areas and roadside locations, it offers convenient charging for EV users on the move. Its robust design and intelligent control ensure safe, continuous operation.

Overall, this dual-gun smart AC 22 kW EV wallbox charger is a flexible, future-ready solution for both private and commercial applications.



Efficient  
Smart Chip



Efficient  
Charging



Short Circuit  
Protection