GS12 Series 48AC Electric Vehicle Charger

- Residential and commercial Level 2 AC electric vehicle charger
- Modern, ergonomic, low profile design
- Indoor and outdoor NEMA TYPE 3R rated enclosure
- V0 rated thermoplastic enclosure
- SAEJ1772 (Type 1) charging interface with built in plug receptacle
- LED charge status indicator
- Output current available from 16A to 80A
- Output current programmable from 16A to 48A with GS12-48A model
- Standard LAN wired connection for central management system
- Standard RFID module for user identification and management
- Standard WiFi + Bluetooth and optional 4G wireless connections
- Standard OCPP 1.6 JSON
- Over-the-air firmware updates available
- Standard 18ft cable, optional 25ft cable
- ISO15118 Vehicle-to-Grid function in development*
- Compatible with bespoke pedestals and cable management systems
- 2 Year Warranty

Models	GS12-48A
LAN	✓
OCPP 1.6 JSON	✓
RFID (two cards included)	✓
WiFi + Bluetooth	✓
4G	◉
ISO15118 Vehicle-to-Grid	Contact us
LED Status Indicator	✓
SAEJ1772 Type 1 Plug	✓
18ft Cable	✓
25ft Cable	◉
Wall Mount Cable Hook	◉
NEMA 14-50 Plug	◉
NEMA 6-50 Plug	◉

Legend: Standard ✓   Optional ◉

SAEJ1772
Type1 Plug

Models	GS12-48A
Power Specifications	
AC Input Voltage	200~240Vac/Single phase
AC Input Connection	L1/L2/GND
Input Current	48A
Frequency	50Hz/60Hz
Output Current	48A
Circuit Breaker Requirement	60A
User Interface and Control	
User Authentication	RFID ISO14443A (Standard), two RFID cards included
Communication	
External	LAN (Standard) WiFi + Bluetooth (Standard) 4G (Optional)
Internal	OCPP 1.6 JSON
Vehicle-to-Grid	ISO15118 (Contact us)
Environmental	
Operating Temperature	-30°C~50°C
Humidity	Max. 95% RH
Altitude	≦2000m
IP Level	NEMA TYPE 3R
Cooling Method	Natural Cooling
Mechanical	
Dimensions (H x W x D)	14.2" x 9.8" x 4.4"
Weight	16.0lbs
Cable Length	18ft (Standard), 25ft (Optional)
Protection	
RCD/CCID	CCID20
Input Side	UVP, OVP, Surge protection, Ground fault
Output Side	OCP, Control pilot fault, Residual current protection
Internal	OTP, Relay welding detection, CCID self-test, MCU function fault detection
Regulation	
Certificate	UL2594, UL2231-1/-2
Wireless Certificate	FCC/IC
Charging Interface	SAEJ1772 Type 1 Plug

Electric Vehicle Charger Pedestals and Cable Management Systems

Single Electric Vehicle Charger Pedestal

Dimensions
270x155x1395mm

Cable Length 18ft or 25ft

Compatibility
GS12, GS27

Dual Back-to-Back Electric Vehicle Charger Pedestal

Dimensions
270x155x1395mm

Cable Length 18ft or 25ft

Compatibility
GS12, GS27

Single Electric Vehicle Charger Pedestal with Cable Management System

Dimensions
400x220x1987.5mm

Cable Length 18ft

Compatibility
GS12, GS27

Dual Back-to-Back Electric Vehicle Charger Pedestal with Cable Management System

Dimensions
400x220x1987.5mm

Cable Length 18ft

Compatibility
GS12, GS27

Dual Side-by-Side Electric Vehicle Charger Pedestal with Cable Management System

Dimensions
710x220x1987.5mm

Cable Length 18ft

Compatibility
GS12, GS27

All documentation is subject to change without notice.
Please refer to our website for the latest product information and specifications.
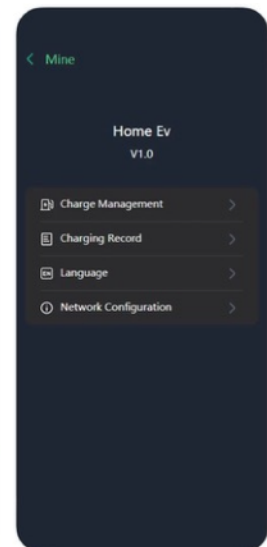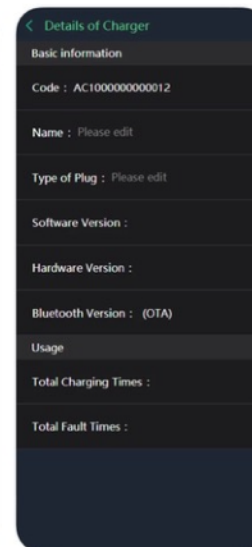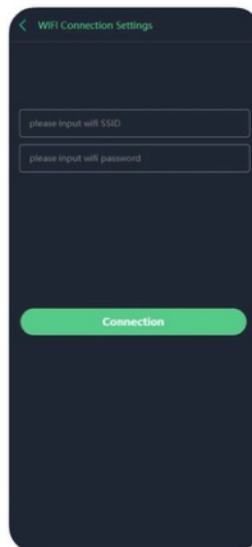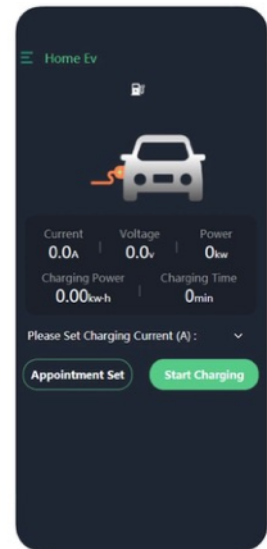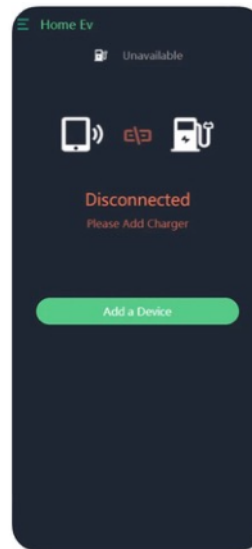*Please contact us for additional configuration details.

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get smart

Home Electric Vehicle Charging Management App

- Home EV charging management app
- Connect to your EV charger via WiFi or Bluetooth
- WiFi network provisioning and configuration
- Simple user interface
- Schedule charging session start times
- Adjust output current from 16A to 48A with our GS12-48A model
- Mitigate peak electricity rate usage through scheduling
- Monitor and update charging status in real-time
- Access charging record to view previous session details
- Monitor charging faults and errors
- Over-the-air firmware and app updates
- No subscription fees or account required

GET IT ON
Google Play

Download on the
App Store

All documentation is subject to change without notice.
Please refer to our website for the latest product information and specifications.
*Please contact us for additional configuration details.   4 of 4