



## PRODUCT OVERVIEW

EV-18 Charger is a multifunctional and wall-mounted AC charger. The EV charger can support up to 11.52kW superfast charging. It is a good partner of EV. The charging current is selectable, which enables users to reduce charging current to charge EV in short electricity supply. The charging can be scheduled at the period of cheap electricity to lower charging costs. The EV charger can be connected to APP. Users can check charging status, volume, and record, etc on the APP. The EV charger cables can be hung up manually, so as to make cables neat, eliminating all security risks for users.

## FEATURES

- Suitable for household use
- Plug and charge. Control charging on APP
- Compatible with Level1 & Level 2
- Type1 J1772 charging port
- Up to 7.68kW charging output
- Charging cable can be retracted into charger body
- CCID20 ground fault protection
- Level 1 energy metering
- NEMA-3R shock resistance design
- Portable
- ETL & Energy Star certified

## APPLICATIONS

- Home charging
- Travel
- Emergency charger

## Product Description

PART#	DESCRIPTION	NOMINAL VOLTAGE	OUTPUT POWER	CHARGING INTERFACE	WEIGHT
EV-E16-32A-01	Portable Home EV Charger	208VAC/250VAC	1.92kW-7.68kW	Type 1 SAE J1772	≤7Kg

## Specifications

MODEL#	EV- E16-32A-01
<b>POWER SPECIFICATIONS</b>	
Standby Power	<2W Standby
Output Power(kW)	1.92kW, 3.84kW, 5.76kW, 7.68kW
Output Amperage(A)	8A, 16A, 24A, 32A
Circuit Breaker Options(A)	10A, 18A, 27A, 35A
Input/Output Nominal Voltage	208VAC/250VAC
Input/Output Voltage Range	190VAC/265VAC
Input/Output Frequency	50/60Hz
Input Wiring Type	Hardwired
Input Wiring Scheme	L1, L2, ND
Power Measurement Accuracy	Embedded meter with a 1% accuracy at the nominal input
Surge Protection	Up to 6kV at 3000A
<b>FUNCTIONAL SPECIFICATIONS</b>	
Charge Connector Type	Type 1 SAE J1772
Charge Cable Length	18 feet
Status Indicator	RGB LED Display
User Interface	None
<b>NETWORK SPECIFICATIONS</b>	
Network Interface	V4.2 BLE 2.4GHz & WIFI 2.4GHz
<b>SAFETY &amp; COMPLIANCE SPECIFICATIONS</b>	
Ground Fault Detection	CCID20, 20mA per UL2231, Automatic Reset Feature
Ground Monitor	Ground Monitor per UL2231
Safety Compliance	UL2594/UL2231-1/UL2231-2
Protection	OVP, UVP, OCP, OTP
Energy Star Certified	Yes
<b>OPERATIONAL SPECIFICATIONS</b>	
Enclosure Rating	IK08
Waterproof	IP65
Operating Temperature	-30°C to +60°C
Storage Temperature	-30°C to +70°C
Operating Humidity	95%
Altitude	≤2000m
Charger Dimensions	333x330x210(mm)
Charger Weight	≤7Kg

## Product Configuration

- Designed for household use
- Plug and charge. Control charging on APP
- Type1 J1772 charging port
- Up to 11.52kW charging output
- Charging cable can be hung up
- CCID20 earth leakage protection
- Level 1 energy metering
- NEMA-3 shock resistance design
- ETL & Energy Star certificate



### Easy operation

2 charging methods: plug and charge, control charging on APP



### Brand and color customizable

GK provides customization services, from brand to color



### Allowance

Users can apply for subsidies since the EV chargers passed Energy Star certificate.



Under Voltage Protection



Over Voltage Protection



Relay Fault



Over Temperature Protection



Ground Detection



Surge Protection



Control Pilot Error



Lightning Protection



Over Current Protection



Leakage Protection

### Application Examples

Maximum output power  
11.52KW

Level2 mode. Supporting up to 11.52kW fast charging.

Free charging

Household users can also charge using their solar PV or other home renewables for a zero-cost charge.

Safe and secure

GK EV chargers have passed ETL certificate. Please feel free to use GK products.

2-year warranty

GK EV chargers are designed, developed and manufactured rigorously and come with a 2-year warranty included as standard, for added peace of mind on your investment.



### Product Dimensions

Unit: mm

