Zencar Level 2 EV Charger 240V 25ft ADJUSTABLE Current 32 Amp - 16 Amp - 10Amp NEMA 14-50 Portable EVSE Electric Vehicle Home Charging Station 20181010

Works with all plug in hybrids and EV including but not limited to:

Audi A3 e-Tron, Audi A3 Sportback, Bentley Bentayga Hybrid, BMW 330e, BMW 740e, BMW E-Golf, BMW i3 REx, BMW i8, BMW X5 xDrive40e, Cadillac ELR, Chevy Bolt EV, Chevy Volt, Chrysler Pacifica Hybrid, Fiat 500e, Ford C-Max, Ford C-Max Energi, Ford Evos Hybrid, Ford Focus EV, Honda Clarity, Hyundai Ioniq, Karma Fisker, Kia Soul EV, Mercedes-Benz B250e, Mercedes-Benz B-Class Electric Drive, Mercedes-Benz C350e, Mercedes-Benz GLE550e, Mercedes-Bens S550e, Mini Countryman, Mitsubishi Outlander PHEV, Prosche Cayenne SE Hybrid, Porsche Panamera SE Hybrid, Tesla Model S 70D, Tesla Model S P85D, Tesla Model X, Tesla Roadster, Toyota Prius Prime, Subaru Crosstrek PHEV, Volvo XC90, and many many more.

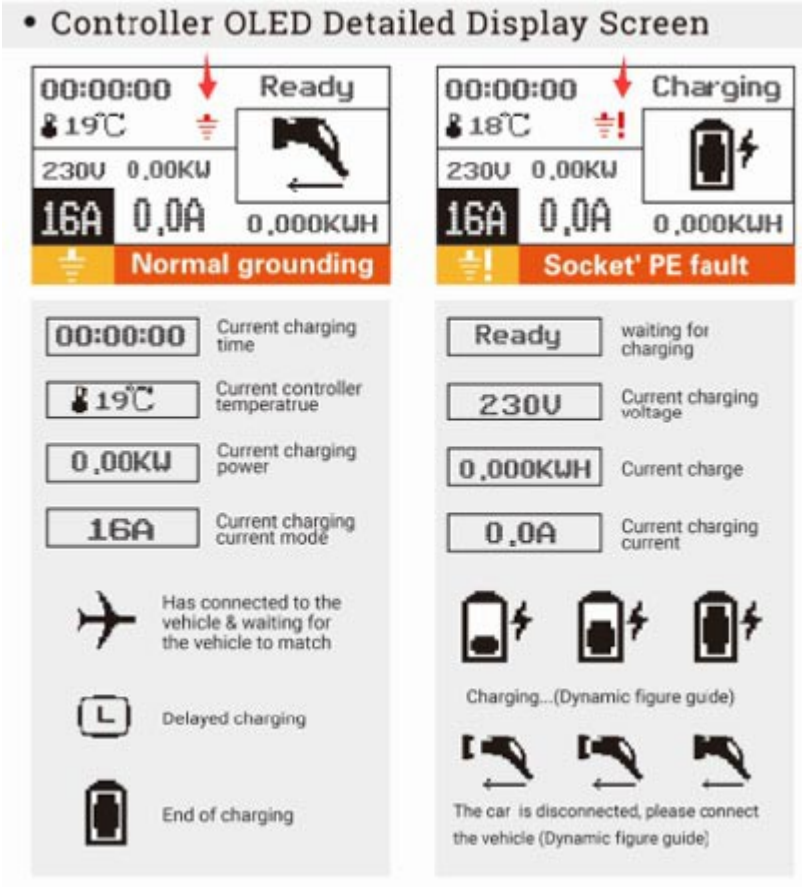
Features:

•JUST PLUG-IN AND CHARGE: Level 2 portable EV charger. Requires a NEMA 14-50R receptacle socket.
•UNIVERSAL COMPATIBILITY: Charges every brand of EV on the market.
•FAST AND EASY: Charges 600% faster than your 120 volt Level 1 cord that came with the car and 100% faster than standard 16 amp Level 2 240 volt charging!
•Features control box with LED charge status indicators.
•Rated current and voltage: 240V AC | 32 Amp (7680 watts) through 16 Amp (3840 watts) and 10 Amp ADJUSTABLE and Built in Delay Timer | UL Listed J1772 SAE connector
•5.35 lbs
•12.8" X 8.9" X 1.5"
•Extra Long 7 Meter / 25 ft power cord.
•Two ways to change charging speed: Key fob (two provided), or push button on charging box.
•best electric vehicle charging station.

Description:

The EV Charge Solutions portable electric vehicle charger is a Level 2 station that delivers 32 amp (7.68kW) through 16 amps (3.84kW) ADJUSTABLE to your vehicle. This is a compact portable station that is an ideal solution for low-cost charging in your garage or to keep in the trunk of your EV for charging at work or on trips. The charging station features a control box with LEDs indicating the status of the charge. There is a description for each light pattern in the product photos above. The charger comes with a draw string bag for storage and a soft gel cap that covers the connector and keeps it from getting wet or dirty. The J1772 charger grip and power cord are water resistant for use in the rain. Please keep the charging box dry.
There are 24 inches/ 2 feet of power cord between the male prongs and the beginning of the charging box. The entire unit is made with 25 ft of cord. Including male plug, cord, charging box, and the J1772, the entire system is right at 26 feet long.

Image to right show if charger has open ground fault. The red arrow on left show proper grounding. Red arrow on right show open ground that needs to be fixed.



Why Adjustable?
Set to 16 amps @ 240 volts, 24 amps @ 240 volts, or 32 amp @ 240 volt. The more time you have to charge your car, it's best set to the lowest setting.

Example: if I have the entire night and can leave the car on charge for 6 hours, set to 16 amps. If traveling and using the optional Reverse14-50R box below, set to 16 amps. If stopping at home for lunch and only have an hour before I leave again, set to 32 amps. If I only have about 4 hours to charge my car, set to 24 amps.

1. 32 Amp @ 240 volt is super fast charging when you need fast charging.
2. The longer and slower you take to charge your batteries, the longer the batteries will last in both years as well as per charge. (Changing all the car batteries is expensive and this charger will maximize their lifespan!) Your batteries will last longer in both years before they will no longer hold a charge was well as each charge is more complete (each individual charge last longer.)
3. Take with you on the go. See below. Set to 16 amp and use the optional converter box below.

Specifications:

Charging plug meets SAE J1772 standards
Power plug meets NEMA 14-50 standards
Control box meets SAE J1772 control principle
Excellent protection performance, protection grade IP55

Parameters
Rated current and voltage: 240V AC 32A
Working temperature: -30 ° C ~ + 50° C
Mechanical life: no-load plug in/pull out> 10000 times
Drop Load: 1 Meter / 3.3 ft Impact of external force.
Run Over Load: Tested that car can roll over charger nozzle 2 Times!
Weight 8 lbs 16" X 12" X 6"

Materials
Case Material: Thermo plastic,flame retardant grade UL94-0
Contact Pin: Copper alloy, silver + thermo plastic on the top
Sealing gasket: rubber or silicon rubber

Control Box
Leakage protection(Restart recover)
Over-voltage under-voltage protection (self-checking recover)
Overload protection (self-checking recover)
Lightning and surge protection

Electrical Performance
1. Rated current and voltage: 240V AC 32A
2. Insulation resistance: >1000MO(DC500V)
3. Terminal temperature rise: <50K

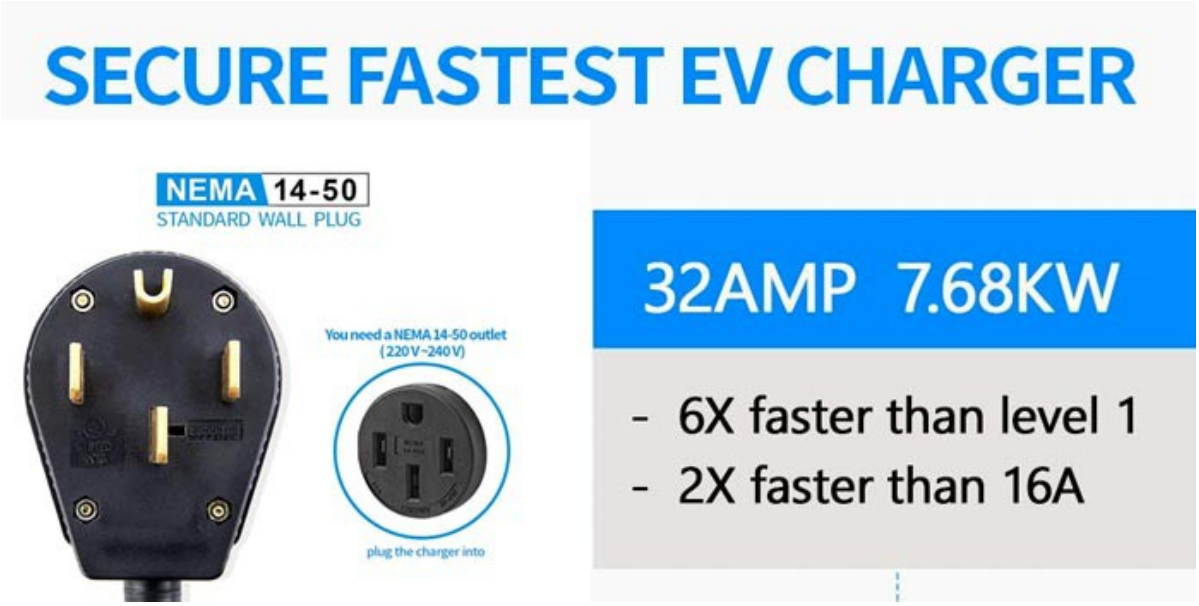
4. Withstand voltage: 2000V

Two Year Manufactures Warranty

*requires dedicated 240 Volt 40 or 50 Amp circuit / NEMA 14-50R Receptacle.

Compare to current or past OEM associations:

GS New Energy
Morec
Y-NOT
Vevor



BougeRV
Lectron 240v 16 amp
Maxx-16
EVSEJ1772
3030 PSE 16 100 01
3030-PSE-16-7.6C-AS
3030-PSE-16-7.6C-AS-BLU
3030PSE166CAS
4897080225296
IRV027
IRV047N
B01ERWTI0E
B07D5C316H
B07BGGVD9V

B07BM1XT4Q
B079NTXNK7
B075V4JNYS
B07DHFH8LW
Micargo B07CZWRDZ1
Micargo B07BCDYWWZ
Zencar B07B2RQ2WX
Maxgreen MG-6-20-5A
0208804575513
0602105757072
ChargePoint
894286149
MUSTART
ER-N1450 MOREC
28022432851
KHONS B07PC3XH58
EVoCharge EVO32-300-002
B07BKMP9DK
Bosch EV810
B07P9C963L
B077DC39J9
362693103221
Morec PCD040-32A-2
750076146040
750076145951
362690900637
362693102270
B20-MC-32A
750076146071
362706814426
750076145913

Videos:

Watch DIY Level 2 EV Car Charger Installation
https://youtu.be/aKcLxn1crZY

Pictures:

Instructions for Use

1. Connect mains plug to socket and switch on.
2. Within 60 seconds, set charging amps by shaking EVSE box 3 times or more left and right.
3. Check display shows correct parameters
4. Connect EVSE to EV socket.
5. Charging will commence and display will show.

LED status code

LED State	Fault Yellow	State Green	Charge Red
Ready	Off	On	Off
EV Connected	Off	Slow flash	Off
CP Error	Off	Fast flash	Off
Charging	Off	Pulsing	On
Charge Complete	Off	Off	Off
Fault	Flash	Off	Off

Specifications

Input: 110/230 V AC 50Hz/60Hz 6A-32A(Max)
Output: 110/230 V AC 50Hz/60Hz 6A-32A(Max)
Operating Temperature: -25℃ to +50℃
IP Class for EVSE enclosure: IP 54

Meets Standards

SAE J1772 | IEC 62196-2

ZENCAR

EV Charging Model 2
(Leader of home EVSE)

Risk of Electric Shock

Risk of electrical shock and fire if used inappropriately.
The device contains no user serviceable parts.

Warning

- Use only with an RCD protected supply.
- Do not use if the EVSE,plug or cable is damaged.
- Use only for charging compatible electric vehicles.
- Monitor EVSE until LED status is'Charging'.

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LED status code

Level 2 EV Charger

Using Volt Range: 100-240V

SAE J1772

Applicable to all electric vehicles that meet the SAE J1772

J1772 Charging hole

c UL us

UL Recognized Component

E364477

Additional user information:

As for the function of shaking to change current/amps, it is only valid during the first minute once connected with power.
The usage method of our EVSE is as below:

1. Plug in the male wall plug in the socket to connect power.
2. If amperage change is needed, push button or use swiping card to change amperage within the first minute. The current has memory of its last use. Example, if it was set 24A last time, it would start at 24A this time.
3. Then plug in the J1772 Plug in the car. Please noted if connected with the car, the changing of amp charging speed function can no longer be used.

The charger includes timer delay function.

After this, you'd better to swiping card to set timer function, Here I attached the user manual of how to use timer function as following:
After on minute, the amperage speed is set. Then use the RFID card to set a optional delay timer before the charging starts. Note, in some locations electricity is cheaper later in the middle of the night!
The timer function has to be set after the J1772 Plug plugged in.
Setting the delay timer can be used to reduce the charging cost!

Optional

Optional: No Electrician Required to Move Up To Level 2 Charging!
Power Joiner Step Up Inverter Level 2 Electric Car Charger Converts Dual 20amp 120volt outlets To 240volt 4wire 20amp 14-50R Level 2 [Reverse14-50R]
See video on link
Adjustable to use with this power box. Change setting to 16 amp @ 240 volt and take with you. Charge at work, friends home, traveling, anywhere standard 120 volt wall outlets are available! Plugs into every building in USA, Canada, Mexico, and Japan and makes 240 on the go and Level 2 speeds!

Related item

Same 14-50P Plug
16 amp @ 240 volt Level 2 Fixed Charging Speed
Electric Vehicle Charger EVSE 220-240v 16 Amp Level 2 Car Nema 14-50P Plug To J1772 EV Charging Station Duosida 20180802

Understanding the differences between different types of electric charger cables.