Zencar 20220221 Electric Vehicle Level2 EVSE Charger 240V 24Amp ADJUSTABLE 25ft 14-30p Charging Station Power Supply



Model Number: 20220221

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Manufacturer: Duosida

Zencar 20220221 Electric Vehicle Level2 EVSE Charger 240V 24Amp ADJUSTABLE 25ft 14-30p Home Charging Station with Travel Power Supply
Bundle Includes:

Zencar 20220216 Electric Vehicle Level2 EVSE Charger 240V 24Amp ADJUSTABLE 25ft 14-30p Home Charging Station

Power Joiner Step Up Inverter Converts Dual 20 amp 115 Volt outlets to allow 230 Volt 3 wire 20 amp Use Reverse14-30R

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Works with all plug in hybrids and EV including but not limited to: BMW 330e, BMW 740e, BMW i8, BMW X5 xDrive40e, Chevy Volt, Chevy Bolt EV, Chrysler Pacifica Hybrid, Cadillac ELR, Honda Clarity, Mitsubishi Outlander PHEV, Fiat 500e, Ford Evos Hybrid, Ford Focus EV, Ford C-Max, Ford C-Max Energi, Karma Fisker, Kia Soul EV, Mercedes-Benz C350e, Mercedes-Benz GLE550e, Mercedes-Bens S550e, Mercedes-Benz B-Class Electric Drive, and B250e, Prosche Cayenne SE Hybrid, Porsche Panamera SE Hybrid, Tesla Roadster, Tesla Model X, Tesla Model S 70D, Tesla Model S P85D, Toyota Prius Prime, Mini Countryman, Nissan Leaf, BMW i3 REx, BMW E-Golf, Audi A3 Sportback, Audi A3 e-Tron, Hyundai Ioniq, Subaru Crosstrek PHEV, Volvo XC90, Bentley Bentayga Hybrid, and many many more.

JUST PLUG-IN AND CHARGE: Level 2 portable EV charger. Requires a NEMA 14-30R receptacle socket.
UNIVERSAL COMPATIBILITY: Charges every brand of EV on the market.

FAST AND EASY: Charges 500% 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 | Adjustable 32 Amp (7680 watts) through 10

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Amp (2400 watts)
ADJUSTABLE Charging Speed and Built in Delay Timer
UL Listed J1772 SAE connector and cable

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.
This item can have a 2 week build time. Please only order if you can wait your turn for the build. Covid-19 is causing many factories to have slow order fulfillment time frames. Thanks for understanding.

The EV Charge Solutions portable electric vehicle charger is a Level 2 station that delivers 24 amp (5.76kW) through 10 amps (2.4kW) ADJUSTABLE to your vehicle. Do not set this charger to the fastest 32 amp charging speed as this will trip the breaker on the wall outlet. The wall outlet for a 14-30R can only take up to 30 amps so set the charging speed to 24, 16, or 10 amps. When plugged into the included travel box, set to 10 or 16 amp speed only.

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.

Why Adjustable and Delay Timer? - See Below at bottom of this web page.

Below you will find the product specifications:

Charging plug meets SAE J1772 standards
Power plug meets NEMA 10-30 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

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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: ï¼ž1000MΩï¼ˆDC500Vï¼‰
3. Terminal temperature rise: ï¼œ50K

4. Withstand voltage: 2000V

Two Year Manufactures Warranty

*requires dedicated 240 Volt 30 Amp circuit / NEMA 14-30R Receptacle.
Ships from San Antonio TX location

Compare to current or past OEM associations:
GS New Energy
B01ERWTI0E
Micargo B07CZWRDZ1
Maxx-16
3030 PSE 16 100 01
3030-PSE-16-7.6C-AS-BLU
EVSEJ1772
Y-NOT
Lectron 240v 16 amp
B079NTXNK7
4897080225296
BougeRV
IRV027

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B07BM1XT4Q
3030-PSE-16-7.6C-AS
B07BGGVD9V
ChargePoint
Micargo B07BCDYWWZ
Zencar B07B2RQ2WX
Maxgreen MG-6-20-5A
B07D5C316H
0208804575513
0602105757072
Vevor
0208804575513
0602105757072
894286149
KHONS B07PC3XH58
EVoCharge EVO32-300-002
B07BKMP9DK
Bosch EV810
3030PSE166CAS
B075V4JNYS
Morec
B07DHFH8LW

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 10 amps @ 240 volts, 16 amps @ 240 volts, or 24 amps @ 240 volts. 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 10 amps. If traveling and using the optional Reverse14-30R box below, set to 16 amps. If stopping at home for lunch and only have an hour before I leave again, set to 24 amps.
1. NOTE: The 32 Amp @ 240 volt setting should not be used on a 30 amp breaker. If you plugged this charger into a oven or 50 amp outlet you could turn the speed up to 32 amps.
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. After adjusting amp draw or charging speed, insert changing handle into the car and then you can optionally swipe key fob to achieve delay timer function. This will allow you to charge the car when electric cost are the cheapest. Check with your electrical provider to find the cheapest times of the day or night to use this feature.

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4. Take with you on the go. See below. Set to 16 or 10 amps speed and use the optional travel converter box below.

Includes: No Electrician Required to Move Up To Level 2 Charging!
Power Joiner Step Up Inverter Converts Dual 20 amp 115 Volt outlets to allow 230 Volt 3 wire 20 amp Use Reverse14-30R
See video on link
Adjustable to use with this power box. Change setting to 10 OR 16 amps @ 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!
Note if you set to 24 or 32 amps speed, the breakers will trip, so don't do it!

Sells and ships from San Antonio, Texas

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 located on charging box 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 24 amps this time.
3. Then plug in the J1772 Plug in the car. Please noted if connected with the car, the amp draw charging speed function can no longer be used.
4. Set optional delay timer. After charging is ON one 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!

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Related video below:

https://www.walmart.com/ip/Home-Electric-Vehicle-Charger-EV-110-220Volt16A-3X-Faster-EVSEJ1772/650674603
$163.98
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Watch how to videos:
https://youtu.be/eYjq1b2vUY4
https://youtu.be/W9wTqxXCjRI

https://youtu.be/S9TocPSYA20 Watch DIY Level 2 EV Car Charger Installation
https://youtu.be/aKcLxn1crZY

Related item

Electric Vehicle Charger EVSE 220-240v Level 2 Car Nema 10-30P Plug To J1772 EV Charging Station Duosida 20180725 Freight Included

Understanding the differences between different types of electric charger cables.

Square D HEPD80 Whole Home Electronics Protective Device, AC Surge Protection, Type 1 SPD, 120/240VAC, 1Phase 3Wire, 80kA
600 volt with 80,000 Amp protection
Can be factory installed on the travel box.
HEPD devices protect and provide surge suppression for important items that

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are not compatible with plug strips such as electric cars, concrete grinders, concrete compression testing equipment, floor sanders, concrete dust and hepa vacuums, laser and light show equipment, washers, dryers, refrigerators, stoves, heating and air conditioning equipment, and lighting.

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PLEASE INSTALL A WHOLE HOME SURGE AND LIGHTNING ARRESTER PROTECTION TO PROTECT BOTH YOUR CHARGING CABLE AND THE CARS COMPUTER!
LIGHTNING STRIKES ARE NOT A MANUFACTURES DEFECT AND WILL NOT BE COVERED. In the photo to the right, the round item below the box, on the left is the lightning arrester, the rectangular item on the right is the surge protector. These can be installed under the main panel or in the panel (if you have room).
Photo shows lightning arrestor Delta LA302RG and Siemens FS140 whole home surge protector. It does not have to be these brands.

Options available for Zencar 20220221 Electric Vehicle Level2 EVSE Charger 240V 24Amp ADJUSTABLE 25ft

14-30p Charging Station Power Supply :

Add-ons

+ None, Factory Installed 600V 80,000Amp Surge Protection 20240528.

Extended Warranty

+ No Extended Warranty, 2 Additional Years Parts and On Site Labor (Items under $1000.00) [SBMW2-1000], 4 Additional Years Parts and On Site Labor (Items under $1000.00) [SBMW4-1000].

Availability: This product was added to our catalog on Tuesday 22 February, 2022