Clean Storm 20220921, Chevy Blazer EV Converter Travel Box, Level 2 Electric Charger, Dual 20amp 120v to 240v, 14-50R



Model Number: 20220921

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Manufacturer: Clean Storm

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Description

The Clean Storm Chevy Blazer EV Travel Box is a specialized power cord adapter inverter that converts dual 120-volt outlets into a 240-volt 4-wire NEMA 14-50R receptacle. Designed for electric vehicles, pressure washers, welders, and other high-powered equipment, this reverse converter allows you to utilize 240-volt appliances under 20 amps (up to 4800 watts) single-phase current when standard 240-volt plugs are unavailable.

Features

- Converts dual 20-amp 120-volt outlets into a single 240-volt 4-wire NEMA 14-50R receptacle.
- Dual 12-3 x 25 ft power cords equipped with triple 20-amp push breakers.
- Green light voltage notification and confirmation for correct plug-in verification.
- Electrically isolated design protects users from accidental shock through exposed male plug contacts until both cords are connected.
- Compact and durable plastic box measuring 6 inches by 6 inches by 4 inches with rubber feet on the bottom.

Applications

- Level 2 charging for electric vehicles and plug-in hybrids including Chevy Blazer EV, Bolt EV, Tesla, and hundreds more.
- Powering pressure washers, welders, plasma cutters, and vapor steam cleaners on job sites.
- Emergency or travel-friendly 240V power access when dedicated 240V outlets are not accessible.

Specifications

Input Power
Dual 120V Outlets (Requires separate phases)

Output Receptacle

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NEMA 14-50R (240V, 4-Wire)

Max Capacity
Under 20 Amps @ 240 Volts (Under 4800 Watts)

Cord Specifications
Dual 12-3 x 25 ft Cords with Triple 20 Amp Push Breakers

Enclosure Dimensions
6" x 6" x 4" Plastic Box with Rubber Feet

Origin
Made in the USA

Videos

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Cross-Reference SKUs

Clean Storm 20220921

Chevy Blazer EV Level 2 Travel Box

Reverse 14-50R Converter Adapter

Tips and Additional Information

• Always Test Outlets First: Test both wall outlets with a receptacle polarity tester before use to confirm the building was wired to code.
• Phase Requirements: The unit requires two separate electrical phases (one left phase and one right phase) from your breaker panel to function properly. Press the

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momentary phase location button; a bright green light confirms correct phase connection.

• Tesla Owners Note: For some Tesla models, you may need to manually lower the amp draw charge setting on the onboard computer from the default 32 amps down to 240 volts / 16 amps for safe and efficient operation.

• Adjustable Chargers: When using adjustable-speed EV chargers (such as 32-amp models) with this converter box, set the output to 16 amps @ 240 volts.

• Surge Protection Option: Optional factory-installed 600 Volt, 80,000 Amp surge protection (Square D HEPD80 Whole Home Electronics Protective Device) is available for advanced surge suppression.

Questions and Answers

Q: Why did my converter box not work when I plugged it into two outlets?

A: The power supply box must be plugged into two different electrical phases (one left phase and one right phase) in the home. Randomly selecting two outlets may land you on the same phase. Use the momentary phase location button and look for a bright green light confirmation, or ensure outlets are connected to opposing circuits.

Q: Can this unit be used on GFCI or LDCI outlets?

A: No, this product is explicitly not for use on GFCI or LDCI 115/120 volt outlets.

Testimonials

"I primarily purchased the converter box solely for charging my Tesla vehicle when I find myself visiting friends or family whom do not have a 220v outlet I can use. The converter purchased from your website has been extremely convenient, I simply keep it in my trunk, so I always have it when I need it. The cords are extremely long, and the charge time is significantly shorter than a regular 110v outlet; I would definitely recommend this product to others. Thanks." — Jared, Moreno Valley, CA

"I use this to power my portable EVSE. (With a 32 amp adjustable EV Car charging cable) I recently got a (electric Genesis) GV60 and picked up the power joiner to hold me over until the electrician could install a 14-50r. Now I keep it in the car in case I need to charge while at my girlfriends or visiting friends or family. Product works great once you find a matching pair of sockets. I've used it on 15 and 20 amp circuits and have had no issues." — Lawrence

Warranty Information

Includes a standard manufacturer 1-year warranty. Optional 2-year or 4-year extended warranty coverage plans are available at purchase.

Optional

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Electrical Outlet Receptacle Polarity Tester 3 wire 120 volt 20100823

Besen 20210909 40Amp ADJUSTABLE Type1 Level2 J1772X23FT 14-50p Electric Car Ev Charger BS-PCD040-8.8KW

Duosida 20180815 Electric Vehicle Charging Station EVSE 220-240v 16 Amp Level 2 Car Nema Dual 5-15P Plugs To J1772 EV

- Accessories + No Accessories
- Shipping Surcharges + Signature Required On All Deliveries

Duosida 20180802 Electric Vehicle Charger EVSE 220-240v 16 Amp Level 2 Car Nema 14-50P Plug To J1772 EV Freight Included

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Zencar 20181010 Level 2 EVSE Electric Vehicle Charger 240v 32amp ADJUSTABLE 14-50p Home Charging Station Freight Included
- Extended Warranty + No Extended Warranty
- Shipping Surcharges + Signature Required On All Deliveries

Square D HEPD80 Whole Home Electronics Protective Device, AC Surge Protection, Type 1 SPD, 120/240VAC, 1Phase 3Wire, 80kA

Options available for Clean Storm 20220921, Chevy Blazer EV Converter Travel Box, Level 2 Electric Charger, Dual 20amp 120v to 240v, 14-50R :

Add-ons

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

Extended Warranty

+ No Extended Warranty,

Parts & Accessories > Electrical Adapter Temporary Power Boxes > Clean Storm 20220921, Chevy Blazer EV Converter Travel Box, Level 2 Electric Charger, Dual 20amp 120v to 240v, 14-50R

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2 Additional Years Parts and Labor (Items under $500.00) [SBMW2-500], 4 Additional Years Parts and Labor (Items under $500.00) [SBMW4-500].

Accessories

Electrical Outlet Receptacle Tester 3 wire 120 volt [20100823], + No Accessories.

Shipping Surcharges

+ Signature Required On All Deliveries.

Availability: This product was added to our catalog on Friday 23 September, 2022

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