



Model Number: Reverse6-15R

Clean Storm Reverse6-15R Power Joiner Step Up Inverter Electric AC Converts Dual 15Amp 115V To allow 230V 3 wire

Manufacturer: Clean Storm

Sawstop, Grizzly, and Delta Unisaw Adaptor Power Cord Adapter Joiner (Reverse Converter)

Takes two 115 volt outlets and allows you to use 230-240 volt appliances that uses under 15 amp @ 230 volts (3450 watts) Single phase current to NEMA 6-15R receptacle. Commonly used as an electric wall AC and split style air conditioners, SawStop table saws, Grizzly Shapers, Edge and Floor Sanders, Delta Unisaw, Gunsmith Lathes, 240v Drill Presses, Milling Machines, and Pressure washers. Fast and Easy 240 Volts

PHOTOS ARE NOT ACCURATE. CHOOSE YOUR RECEPTACLE BY NEMA DESIGNATION NOT BY APPEARANCE IN PHOTO

Until both 120 volt power cords are connected to a 120 volt electrical source, it is electrically isolated from the electrical circuit of the exposed male plug on the 2nd power cord. This protects the user from accidental shock through the exposed male plug contact if on power cord is unplugged.

Works with:

Pressure Washers:

BE Pressure B153EC

Table Saws: Sawstop MOTOR CONFIGURATION 3: PCS31230

Air conditioners: Friedrich CP18G30B, Friedrich SM18N30C, Friedrich SS12N30C, Frigidaire FFRE183U2, LG LW1816ER, Friedrich SM21N30E, Friedrich SM18N30B, Frigidaire FFRE2233U2, Friedrich SM20M30B, Friedrich SH15M30A.

AmeriCool WPC-5000

Pressure Washers: BE Pressure B153EC

Wood Shaper: Grizzly G1026 3 HP Shaper

Wood Edge Sander: Grizzly G0564 6" X 108" Oscillating Edge Sander

Lathes:

Grizzly G0824 14" X 40" Gunsmith Lathe with 2" Spindle Bore

Grizzly G0709 14" X 40" Gunsmithing Gearhead Lathe

Grizzly G0776 13" X 40" Gunsmithing Lathe with Dro

Grizzly G0750G 12" X 36" Gunsmithing Lathe

Grizzly G4003G 12" X 36" Gunsmithing Lathe with Stand

Milling Machines:

South Bend SB1027F 9" X 48" 3 HP Turret Mill with DRO

Grizzly G0667X 9" X 48" 3 HP High Precision Variable Speed Vertical Mill

Grizzly G0757Z 10" X 39" 3 HP Variable Speed Horizontal Vertical Mill with DRO

Grizzly G0795Z 8" X 28" 2 HP HD Benchtop Mill / Drill With Variable Speed

Grizzly G5074 8" X 29" 2 Hp HD Mill/Drill with Power Feed

Grizzly G0760 8" X 29" 2 HP Mill/Drill with Stand and Powerfeed

Grizzly G0761 10" X 32" 2 HP HD Benchtop Mill/Drill With Power Feed and Tapping

Other 220 to 240 volt receptacles available including but not limited to: NEMA 6-30R, NEMA 6-50R, NEMA 10-30R, more

Perfect for electric cars (BEV), pressure washers, welders, plasma cutters, vapor steam cleaners, wall air conditioners and other high powered equipment when 230 volt plugs are just not available.

Tesla (BEV) car owners historically have purchased the 14-30R or 14-50R model.

Split style and wall AC units often use the 6-20R AND 6-15R.

Used by Sawstop Safe Saw and air conditioning wall units.

We now use the combo receptacle NEMA 5-15 / 6-20 so it can be used with either type of plug. The difference is the dash 15 can have 15 amp breakers and the dash 20 will have 20 amp breakers but the the 6-20 can be used with all 6-15 equipment.

May not work with GFCI or LDCI 115 volt Outlets.

To use simply plug into different outlets and push the momentary button to test voltage. If the voltage read between 220 to 240 volts or you get the green light you are good to go. Not all outlet combinations will produce the correct voltage so you have to test before each use. If you push the voltage test button and it reads 120 volts, or does not display the green light simply re-located one of the power cords to a different location and retest. Every job site location has the ability to provide plus or minus 230 volts. If you use 15 amp 115 v to 120 volt circuits then you will only be able to operate up to 15 amp 230 volt equipment. If your pressure washer needs 23 amps @ 230 volts and you are plugged into 20 amp 115 volt outlets, you will need to turn the pressure down to lower the amp draw. Just turn the pressure regulator / unloader knob counter clockwise. The less pressure, the less horse power is needed to turn the electric motor and this will lower the amp draw. The above photo shows special order 15 amp breakers installed. The default breakers are 20 amp breakers.

Plastic Box is 6" X 6" X 4"

We no longer make this unit with the voltmeter installed, rather replaced the meter

with a smaller green light. This allowed the box to be reduced in size from an eight inch box to this six inch box.

Dual Factory Installed (2)

Extension Power Cord 12-3 X 25 feet Heavy duty SJTW 15A-125V Lighted  
Ends 10-0860 30-071 E531 AX32 860836 D16612025 D11712025BL 12/3 EC0005

Factory Installed

3 units

Clean Storm Panel Mount 20 amp push button resettable breakers  
PP33-900163 PP140634 PHY018-005 E779

Green Light Voltage Notification.

Rubber feet on bottom of box.

You must test both wall outlets with a receptacle polarity tester before use!

20100823 Electrical Outlet Receptacle Polarity Tester 3 wire 120 volt

Note: User assumes all responsibility on use. It is the users responsibility to check the inbound voltage, outbound voltage, and total amp draw to verify these are not going to be overloaded. The user agrees to test the amp draw of any appliance or machine that they plug into these converters to ensure they are not being overloaded. Meters are cheap and mistakes are expensive. You can purchase a meter at <https://www.steam-brite.com/voltage-meter-multitester-p-6259.html>  
User agrees to hold Steam Brite, its employees, and agents harmless in the event of any use of said use of converter. The user agrees to not hold SteamBrite and all employee against any problems that arise out of the use of said converters/ inverters. Remember, just because it plugs in does not mean it is OK to use!

Please remember the 80/20 electrical rule. If you are going to plug into a 15 amp 120 volt outlet and draw long term the device needs to be under 80% of 15 amps = 12

amps max.

If I plug into dual 120v 20 amp breakers long term then the 80/20 rules math is 20 amps X 80% = 16 amps max draw.

All sales are final on electrical components.

Owners Manual

Manufacture 90 day warranty. Add optional 2 or 4 more years for a little more.

We have been manufacturing electrical power converters for over 35 years.

Tips: One customer wrote, "I plugged into different walls, not the same outlet, and it did not work."

Answer: This is incorrect step / understanding.

In order to have the power supply box work, it must be plugged into different phases.

There are two phases of power in every home.

Half of all the outlets are on left phase, and the other half is on right phase.

You must land on one of each phase in order for the power supply to work.

This means if I just randomly select two outlets in a home, I could be plugged into: two left side phases, 2 right side phases, or 1 of left + 1 right (correct use of power supply, depress phase locator button on the power supply box and will illuminate bright green on the phase locator light if you plugged in correctly.)

If you look at the breaker panel (photo to the right) and notice the column of breakers on the left side and then a column on the right side.

The way a breaker box is wired is the top left breaker is left phase, the 2nd from the top left straight down the left column is right phase, 3rd down is left column is left phase, 4th down is right phase. These breakers alternate phase location all the way down each column.

The top right column of breakers works exactly the same way. You have to land on one left phase and one right phase to make this item work. It is OK to have landed on a pair of outlets that is left and right side and each is positioned anywhere in the breaker panel.

Since this power supply box will not work with GFCI or LCI outlets you can also replace a GFCI outlet with a standard wall receptacle.

Optionally, if the two breakers you want to use are on the same phase, simply change the location of one of the two breakers to be in a different position in the column. This is very easy to do and only takes a screw driver (see video link below.)

Go outside and turn off the breaker and turn off the breaker that is labeled as "main." Go back to the garage and take off the garage panel cover.

Grab the breaker you want to relocate and simply switch positions with another breaker either one up or one down in the column. You can change the location of the breaker or change the location of the wire in the breaker (your choice.) This will put the breaker on a different phase. Again, see video below on how to do this.

<https://youtu.be/BG9I-PokSdI?si=m06267ZWR54Tiknu>

and <https://youtu.be/lzTV9t7bnH8?si=p1lgRxxO5gsEvmub>

Once you are on different phases, and press the momentary phase location button on your power supply box, the green light will be bright green telling you, you

Equipment: [Carpet Cleaning Machines](#) > [Vacuum Cleaners](#) > [HEPA Concrete Dust Slurry Hazmat Vacuums](#) >

selected one left and one right phase and you are good to use this power supply box below the required amp draw of the wall outlets you plugged into.

Optional Factory Installed 600 Volt, 80,000 Amp Surge Protection

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

HEPD devices protect and provide surge suppression for important items that 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, table saws, washers, dryers, refrigerators, stoves, heating and air conditioning equipment, and lighting.

Availability: This product was added to our catalog on Friday 03 April, 2015