

>



Model Number: Reverse6-20R

Clean Storm Reverse6-20R Power Joiner Step Up Inverter Electric AC Dual 20A 120V To 240V 3 Wire GTIN 653341065544

Manufacturer: Clean Storm

Clean Storm Reverse6-20R Power Joiner Step-Up Inverter

The Clean Storm Reverse6-20R allows many 220-240 volt single-phase machines drawing up to 20 amps at 230 volts to operate from two separate 115/120 volt wall outlets. This is commonly used when a dedicated 240 volt outlet is not available.

- Converts two separate 115/120V outlets into 230/240V single-phase output
- Output receptacle: NEMA 6-15R / 6-20R style 240V connection
- Maximum output: up to 20 amps at 230 volts / approximately 4600 watts
- No electrician required when proper outlet conditions are available
- Built-in test light helps confirm when the two outlets provide usable 230/240V power

Important: Not all outlet combinations will work. The two 120V outlets must be on opposite electrical legs/phases to produce 230/240V. Always test before use. Not for use on GFCI or LCDI 115V outlets, and not for use in rain or wet locations.

Common Applications

This device is used for many 220-240 volt single-phase tools, chargers, and machines, including: portable air conditioners, window air conditioners, EV chargers, air compressors, concrete testing equipment, vending machines, pressure washers, vapor steam machines, table saws, dust collectors, concrete grinders, HEPA vacuums, jointers, planers, cabinet saws, bandsaws, drill presses, wood lathes, espresso machines, shapers, CNC routers, milling machines, space heaters, and floor sanders.

Confirmed Compatible Equipment and Applications

Category

Confirmed Compatible Item / Application

Notes

EV Charging

evChargeSolutions L2-6-20 Portable EV Charger

Level 2 NEMA 6-20 plug to J1772 station

EV Charging

Duosida 3030-PSE-16.7.6C-AS

25 ft Level 2 EV charger, 16 amp, 120-240V, NEMA 6-20P

>

EV Charging  
Duosida Electric Vehicle Charger Portable EVSE  
220-240V Level 2 NEMA 6-20 plug to J1772

EV Charging  
AeroVironment TurboCord 240 Volt Plug-In EV Charger  
Common Level 2 portable EV charging use

EV Charging  
Level 2 Portable Electric Car Charger 240V 16A Duosida  
NEMA 6-20 plug, J1772, 25 ft cord

Air Compressor  
Ingersoll Rand SS3L3 60 Gallon 3 HP Air Compressor  
UPC 678384340052

Air Compressor  
Chicago Pneumatic 8090254049 Air Compressor  
3.5 HP, 60 gallon, 208/230V, 1 phase, 12.5 CFM

EV Charging  
EV Gear 43237-2 Level 2 EV Charger  
Portable EV charging application

EV Charging  
Maxx-16 43237-2 Electric Vehicle Charger  
220-240V, NEMA 6-20 plug, 28 ft, J1772

EV Charging  
BougeRV IRV027 Level 2 EV Charger  
240V, 16A, 25 ft portable EVSE

EV Charging  
LECTRON 4897080225302 Level 2 EV Charger  
240V, 16 amp, 21 ft J1772 cable

EV Charging  
OrionMotorTech Level 2 EV Charger  
220V, 16A, NEMA 6-20 plug, 23 ft SAE J1772 cord

>

EV Charging  
Duosida BEDUO12KITNEW  
Commonly sold with compatible Level 2 charging setup

EV Charging  
LCS-20, 16 Amp Level 2 EVSE  
240V with 25 ft cable, product code 0708-00-002

Floor Grinding  
Airtec BS-450 mm Planetary Floor Grinder  
220V single-phase equipment application

Floor Grinding  
Airtec HTC500  
Confirmed 220V single-phase grinder application

Concrete Grinder  
6715 Husqvarna MS510 Guardmatic Concrete Grinder  
Confirmed grinder application

Concrete Testing  
OFITE / OFI Concrete UCS Compression Machines  
Used for cement compressive strength testing equipment

Concrete Testing  
UCA Test Apparatus  
Ultra-sonic cement compressive strength testing application

#### EV Vehicle Charging Notes

This unit is commonly used with portable Level 2 EV chargers that use a NEMA 6-20 style plug and draw 16 amps or less. It may work with many plug-in hybrids and electric vehicles when used with a compatible portable charger, including vehicles from Audi, BMW, Chevrolet, Chrysler, Cadillac, Honda, Mitsubishi, Fiat, Ford, Kia, Mercedes-Benz, Porsche, Tesla, Toyota, Mini, Nissan, Volkswagen, Hyundai, Subaru, Volvo, and others.

#### How To Use

- Plug each 120V input cord into a different standard 120V wall outlet.
- Press the momentary voltage test button.
- If the green light turns on, the outlet combination is producing usable 230/240V

>

power.

- If the light does not turn on, move one cord to a different outlet and test again.
- After confirming proper voltage, connect the compatible 240V machine or charger.

#### Important Safety and Sizing Notes

- The connected equipment must be 220-240V single phase.
- The connected equipment should draw less than 20 amps at 230V.
- If using 15 amp 120V source outlets, the 240V load must also be limited accordingly.
  - Not for use with GFCI or LCDI 115V outlets.
  - Not for outdoor rain exposure or wet locations.
  - Always confirm plug style, voltage, amperage, and machine requirements before ordering.

#### Frequently Asked Questions

Does this create 240 volts from any two outlets?

No. The two 120V outlets must be on opposite electrical legs. Use the built-in test button before each use or whenever moving the unit to a new location.

Can this run a 240V machine over 20 amps?

No. This Reverse6-20R model is intended for compatible equipment drawing up to 20 amps at 230V. For larger machines, use the correct dedicated circuit or a different power solution.

Can this be used for EV charging?

Yes, when used with a compatible portable Level 2 EV charger that has the correct plug and amp draw. Most 16 amp NEMA 6-20 style EV chargers are the intended type of application.

Will this work on GFCI outlets?

No. This product is not recommended for GFCI or LCDI 115V outlets.

Can I use this with concrete grinders, compressors, and shop equipment?

Yes, when the machine is 220-240V single phase, has a compatible plug, and draws within the rated amp limit.

#### Confirmed Compatible Equipment and Applications

The following equipment has been listed as compatible with the Clean Storm Reverse6-20R when the machine is 220-240 volt single phase and draws within the rated amp limit. Always verify the machine plug, voltage, amperage, and circuit requirements before use.

Category  
Brand / Model  
Equipment Type / Notes

EV Charger  
evChargeSolutions L2-6-20

>

Portable Level 2 EV charger, NEMA 6-20 plug to J1772

EV Charger

Duosida 3030-PSE-16.7.6C-AS

25 ft Level 2 EV charger, 16 amp, 120-240V, NEMA 6-20P

EV Charger

Duosida Portable EVSE

220-240V Level 2, NEMA 6-20 plug to J1772

EV Charger

AeroVironment TurboCord 240V

Plug-in Level 2 EV charger

EV Charger

EV Gear / Maxx-16 43237-2

220-240V, 16 amp, NEMA 6-20 plug, 28 ft cord, J1772

EV Charger

BougeRV IRV027

240V, 16 amp, 25 ft portable EVSE

EV Charger

LECTRON 4897080225302

240V, 16 amp, 21 ft J1772 cable

EV Charger

OrionMotorTech Level 2 EV Charger

220V, 16 amp, NEMA 6-20 plug, 23 ft SAE J1772 cord

EV Charger

Duosida BEDUO12KITNEW

Level 2 EVSE portable charger, 240V, 16 amp

EV Charger

ClipperCreek LCS-20

16 amp Level 2 EVSE, 240V, 25 ft cable, product code 0708-00-002

Air Compressor

Ingersoll Rand SS3L3

>

60 gallon, 3 HP, single stage stationary electric air compressor, UPC  
678384340052

Air Compressor  
Chicago Pneumatic 8090254049  
3.5 HP, 60 gallon, 208/230V, 1 phase, 12.5 CFM

Air Compressor  
California Air Tools 20040CAD  
4 HP, 20 gallon air compressor

Air Compressor  
California Air Tools 6004CAD  
4 HP, 60 gallon air compressor

Air Compressor  
California Air Tools 60040DCADC  
4 HP, 60 gallon air compressor

Air Compressor  
California Air Tools 60040DCAD  
4 HP, 60 gallon air compressor

Air Compressor  
Campbell Hausfeld VT6195  
3.75 HP, 60 gallon air compressor

Concrete / Floor Grinder  
Airtec BS-450 mm  
Planetary floor grinder

Concrete / Floor Grinder  
Airtec HTC500  
Floor grinder

Concrete / Floor Grinder  
Husqvarna MS510 Guardmatic 6715  
Concrete grinder

Concrete / Floor Grinder

>

EDCO 2EC-NG-3B / Part #59600  
230V grinder

Dust Collector / Vacuum  
Laguna MDCCF22201  
Dust collector

Dust Collector / Vacuum  
Laguna MDCPF22201 P Flux 2  
Cyclone dust collector

Dust Collector / Vacuum  
Bersi Q17SC4FO  
Concrete dust extractor

Dust Collector / Vacuum  
Blastrac BDC-23  
230V midsize dust collector

Dust Collector / Vacuum  
Cyclone Maxi Bag  
3 motor, 240V vacuum system

Dust Collector / Vacuum  
Cyclone C3900SD  
3 motor, 240V vacuum

Dust Collector / Vacuum  
Cyclone C3900B  
Barrel neck 3 motor, 220V vacuum top

Dust Collector / Vacuum  
Karcher IV60/36-3 1.573-300.0  
3 motor vacuum

Dust Collector / Vacuum  
Hyper Grinder I-4Dust  
HEPA vacuum

Table Saw / Woodworking

>

SawStop PCS31230  
Motor configuration 3, 3 HP table saw

Table Saw / Woodworking  
SawStop 3HP ICS  
Industrial cabinet table saw

Table Saw / Woodworking  
South Bend SB1110  
3 HP, 10 inch table saw

Table Saw / Woodworking  
Powermatic PM23150K 2000B  
3 HP, 1 phase, 230V, 50 inch rip, Accu-Fence

Table Saw / Woodworking  
Original Saw 3536-01  
Radial arm saw, 14 inch blade, 24 inch crosscut, 3 HP, 1 phase, 208/230V

Table Saw / Woodworking  
Jet 708675PK Deluxe XACTA  
3 HP, 1 phase, 50 inch rip

Table Saw / Woodworking  
Delta 36-L300 Unisaw  
3 HP table saw body, UPC 847962005120

Harvey Woodworking  
Harvey TURBO T-40 702027  
14 inch x 24 inch wood lathe with servo motor

Harvey Woodworking  
Harvey HW110TC-36P / HW110TC-52P  
10 inch, 3 HP cabinet table saws

Harvey Woodworking  
Harvey HW110S-36 / HW110S-52P  
4 HP industrial cabinet table saws

Harvey Woodworking

>

Harvey Ambassador C14  
3 HP, 14 inch bandsaw

Harvey Woodworking  
Harvey T-60 702030 / 702035  
Heavy duty woodworking lathe

Harvey Woodworking  
Harvey Gyro Air G-700  
Single phase dust processor

Harvey Woodworking  
Harvey Alpha HW303 804702  
3 HP deluxe wood shaper

Grizzly / Shop Fox Woodworking  
Grizzly G0562ZP  
3 HP double canister dust collector with aluminum impeller

Grizzly / Shop Fox Woodworking  
Grizzly G0815  
15 inch, 3 HP heavy duty planer

Grizzly / Shop Fox Woodworking  
Shop Fox W1687  
3 HP dust collector

Grizzly / Shop Fox Woodworking  
Shop Fox W1868  
2 HP portable cyclone dust collector

Grizzly / Shop Fox Woodworking  
Shop Fox W1869  
3 HP portable cyclone dust collector

Grizzly / Shop Fox Woodworking  
Grizzly G1021Z  
15 inch, 3 HP planer with cabinet stand

Grizzly / Shop Fox Woodworking

>

Grizzly G0890  
15 inch, 3 HP fixed table planer

Grizzly / Shop Fox Woodworking  
Grizzly G0453  
15 inch, 3 HP wood planer

Grizzly / Shop Fox Woodworking  
Grizzly G0861  
2 HP portable cyclone dust collector

Grizzly / Shop Fox Woodworking  
Grizzly G0891  
15 inch, 3 HP fixed-table planer with helical cutterhead

Grizzly / Shop Fox Woodworking  
Grizzly G0440HEP  
2 HP dual-filtration HEPA cyclone dust collector

Grizzly / Shop Fox Woodworking  
Grizzly G1021X2  
15 inch, 3 HP extreme series planer with helical cutterhead

Grizzly / Shop Fox Woodworking  
Grizzly G0453Z  
15 inch, 3 HP planer with spiral cutterhead

Grizzly / Shop Fox Woodworking  
Grizzly G1033  
20 inch, 3 HP planer

Grizzly / Shop Fox Woodworking  
Grizzly G0514X2B / G0514X  
19 inch, 3 HP extreme series bandsaws

Grizzly / Shop Fox Woodworking  
Grizzly G1026  
3 HP shaper

Grizzly / Shop Fox Woodworking

>

Grizzly G1030Z2P  
3 HP dust collector with aluminum impeller

Grizzly / Shop Fox Woodworking  
Grizzly G1023RLW / G0651 / G1023RL / G1023RLX  
10 inch, 3 HP 220-240V cabinet table saws

Grizzly / Shop Fox Woodworking  
Grizzly G0495X / G0858 / G0855 / G0856 / G0857  
8 inch jointers

Grizzly / Shop Fox Woodworking  
Grizzly G0849 / G0862  
3 HP cyclone dust collectors

Grizzly / Shop Fox Woodworking  
Grizzly G0751  
22 inch heavy duty drill press

Grizzly / Shop Fox Woodworking  
Grizzly G9860 / G9860ZX  
12 inch jointers

Grizzly / Shop Fox Woodworking  
Grizzly G0766 / G0835 / G0694  
Wood lathes

Grizzly / Shop Fox Woodworking  
Grizzly G9933  
3 HP three spindle shaper

Grizzly / Shop Fox Woodworking  
Grizzly G9984  
Industrial oscillating edge sander

Grizzly / Shop Fox Woodworking  
Grizzly G0894  
24 inch x 36 inch CNC router

Metalworking / Milling

>

South Bend SB1024  
9 inch x 42 inch, 2 HP milling machine with DRO

Metalworking / Milling  
Grizzly G0796  
9 inch x 49 inch vertical mill with power feed and DRO

Metalworking / Milling  
Grizzly G0757  
9 inch x 39 inch horizontal / vertical mill with power feed

Metalworking / Milling  
Grizzly G0705  
8 inch x 29 inch mill / drill with stand

Metalworking / Milling  
Grizzly G0816  
Heavy duty bead roller

Metalworking / Milling  
Grizzly T28798  
1-1/2 HP metal dust collector

Concrete Testing  
OFITE / OFI Concrete UCS Compression Machines  
Concrete compression testing equipment

Concrete Testing  
UCA Test Apparatus  
Tests cement compressive strength using ultrasonic wave

Concrete Testing  
TLF-112 / 120-286  
Triaxial mechanical properties testing system

Concrete Testing  
Model 4020-SG Automated UCA/SGSM / 120-59  
OFITE testing equipment

Pressure Washer

>

BE Pressure B153EC  
Electric pressure washer, 1500 PSI, 3 GPM, 220V, 230V 13 amps

Pressure Washer  
HOTSY 771 HAWK 1.109-611.0  
230V LP gas HWW pressure washer, 3.0 GPM / 1500 PSI

Portable / Window Air Conditioner  
MovinCool Classic Plus 26 / 283A351  
24,000 BTU portable air conditioner, 208/230V

Portable / Window Air Conditioner  
Temp-Cool TC-24W21  
Mobile water cooled air conditioner

Portable / Window Air Conditioner  
KwiKool DIB2421 / KW4669  
Air conditioner

Portable / Window Air Conditioner  
LG LW2516ER / 1238320  
24,500 BTU window air conditioner

Portable / Window Air Conditioner  
GE AHS24DX / 840562  
Window air conditioner

Portable / Window Air Conditioner  
GE AHC24DY / 1151951  
Window air conditioner

Portable / Window Air Conditioner  
Whirlpool WHAW222BW / 1289267  
Window AC unit

Portable / Window Air Conditioner  
GE AEE24DT / 875236  
Window AC unit

Portable / Window Air Conditioner

>

Frigidaire 1391890  
22,000 BTU window air conditioner

Portable / Window Air Conditioner  
MovinCool Office Pro 24 / Pro K24 / Pro X26 / 20AC 2412 / PAC 2412  
Portable air conditioners

Portable / Window Air Conditioner  
AmeriCool WPC-7000  
Portable air conditioner

Portable / Window Air Conditioner  
Ebac BKool-24 / BKool-16 / BKool-12  
Portable spot cooler AC units

Food Service Equipment  
Grindmaster Cecilware ESP1-220V Venezia II  
Espresso machine

Food Service Equipment  
Pro-Cut KG-22W-XP / KG-22W-XP-SS  
Commercial #22 meat grinders, 220V

Food Service Equipment  
Varimixer VARI-V80  
80 quart food mixer, 4 HP

Food Service Equipment  
Doyon BTF060  
60 quart floor model planetary mixer

Space Heater  
Dimplex DGWH4031G  
Electric heater

Space Heater  
Stelpro ASHU0321 / ASHU0221 / ASHU0421  
2000W, 3000W, and 4000W unit heaters

Space Heater

>

TPI 474-TM / 255397  
13,652 BTU portable electric heater

Space Heater  
TPI TH Series 222-60-TH-240V / 255396  
Mul-T-Mount electric quartz infrared heater, 10,922 BTU

Space Heater  
Fostoria TPI FSP-4324-3 / 53260  
Portable electric heater, single phase version

Space Heater  
TPI FSS-4348-3 / 52779  
Overhead flat panel heater, 14,672 BTU

Spray Foam Machine  
Pusmak EP-10  
Polyurethane spray foam machine

Spray Foam Machine  
Intsupermai 033285-EcoY  
Polyurethane spray foam machine

Automotive Lift  
Ideal TP9KFX / 66417  
2 post floor plate vehicle lift, 9000 lb capacity

Hepa Vacuum  
AirWorX+ Pulse Bac 550  
Dust and debris vacuum

Hepa Vacuum  
AirWorX+ Pulse Bac 1250  
Dust and debris vacuum

>

Works with  
Duosida Electric Vehicle Charger Portable EVSE 220-240v Level 2 Nema  
6-20 Plug To J1772 24' Station for EV Charging 20180613  
On Sale

Chicago Pneumatic Reciprocating 8090254049 Air Compressor 3.5 HP, 60  
Gallon, 208/230 Volt, 1-Phase 110520  
12.5 cfm

Works with  
BE Pressure B153EC Electric Powered Pressure Washer, 1500 PSI, 3 GPM,  
220V  
230 volts 13 amps

Works With  
Ebac BKool-24 Portable Air Conditioning 24000 BTU Spot Cooler AC  
10972GB-US

>

Works With  
Ebac BKool-16 Portable Air Conditioning 16000 BTU Spot Cooler AC  
10971GB-US

Works with  
Ebac BKool-12 Portable Air Conditioning 12000 BTU Spot Cooler AC  
10970GB-US

[SEE MORE EQUIPMENT THAT CAN USE THIS POWER SUPPLY - CLICK HERE](#)

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.

To use simply plug into different standard 120 volt wall outlets and push the momentary button to test voltage. If the bright green light turns on, you are good to go. Not all outlet combinations will produce the correct voltage so you have to test before each use or each time you take your box to a new location. If you push the voltage test button and the green light does not turn on, simply re-located one of the power cords to a different location and retest. Every job site location has the ability to provide 230-240 volts. If you use 15 amp 115 v to 120 volt circuits then you will only be able to operate 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. When charging your electric car, simply set the car to charge at 16 amps at 240 volts on the dashboard or on the charging cable if required (some cars auto sense and auto change the speed.)

>

Plastic Box is 6" X 6" X 4"  
Dual 12-3 X 25 ft power cords with dual 20 amp push breakers.  
Green Light Voltage Notification  
Rubber feet on bottom of box or hang on the wall.  
Handle on top makes it easy to take with you on the go.  
You must test both wall outlets with a receptacle polarity tester before use!

Electrical Outlet Receptacle Tester 20100823 3 wire 120 volt  
This is to confirm your home or office was wired correctly.

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 outlet and draw long term the device needs to be under 80% of 15 amps = 12 amps max.

If I plug into dual 20 amp breakers long term charging then the 80/20 rules math is 20 amps X 80% = 16 amps max. Most Level 2 EV charges are 16 amps at 240 volt so it would be best to plug into two 120 volt 20 amp breakers. Most 2 ton window and portable AC units also will have a 16 amp rating so you will need to make sure your breaker box has 20 amp 120 volt breakers.

Manufacture 1 Yr warranty. Add optional 2 or 4 more years for a little more.

Commonly used with 3030PSE166CAS25FOOT and 23075-020  
System works with any charger that uses the SAE J-1772 connector, and is compatible with all major EV brands. Converters are the choice of tens of thousands of drivers and work with 10 major auto manufacturers, including Chevrolet, BMW,

>

Honda, Nissan, Ford, FIAT, Kia, Mitsubishi, Toyota, Volvo, Audi, Volkswagen, Hyundai and many more!

Optional:

Power Joiner Step Up Inverter Electric Car Charger Converts Dual 20amp 120volt outlets To 240volt 4wire 20amp 14-50R Level 2 [Reverse14-50R]  
Our best selling Tesla car owner converter box.

Also works with vapor and steam generators, like in the video below:

This 6-20r power converter box is included with the following optional cleaning packages below:

-ImexServe 09Evo Steam Vapor Cleaner Machine Only 3400 Watt Dual Heating Elements 100% More Power 0230070000 116 psi  
Includes the 6-20R converter box

>

Video on link!

-ImexServe 09Evo Steam & Vacuum Vapor Cleaner W/ Accessories  
3400 Watt Dual Heating Elements 100% More Power 20171222 116 psi Machine  
Includes the 6-20R converter box  
Video on link!

-ImexServe 09Evo Junior Steam & Vacuum Vapor Cleaner W/  
Accessories 3200 Watt Dual Heating Elements 100% More Power 18651359 87 psi  
Includes the 6-20R converter box  
Video on link!

-ImexServe 09Evo Junior Steam & Vacuum Vapor Cleaner MACHINE  
ONLY 3200 Watt Dual Heating Elements 100% More Power 0230070001 87 psi  
Includes the 6-20R converter box  
Video on link!

Compare to current or past OEM associations:  
B07DGJQWV2

Testimonials:

"I've used this power supply for a 3 HP Sawstop Professional Cabinet Saw. After a bit of experimentation with various outlets on separate house circuits, I found a combination with a suitable extension cord for 1 plug that worked great. This was a convenient alternative to running a dedicated 220V line to the garage. Thanks for this great product, Mike"  
Invoice 78644

>

South Hamilton MA 01984

"A long time ago I bought a 220V table saw and ran a proper outlet. Then I bought a house I knew we'd only be in for 2-3 years and I didn't want to run a new service to the detached garage I would be using for my woodshop. So this thing was the solution. Actually still use it for that purpose until I run 220v to my new house's garage."

Patrick Invoice 68357  
Rolling Meadows, IL 60008

"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 92555

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-PokSdl?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 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.

Documents:

["Understanding GFCI Limitations with 240V Power Joiners"](#)

[Which Power Joiner Do I Need? \(Download Comparison Guide\)](#)

[Owners Manual](#)

Normal

0

false

false

false

EN-US

X-NONE

X-NONE

>

```
DefSemiHidden="false" DefQFormat="false" DefPriority="99"  
LatentStyleCount="376">
```

```
UnhideWhenUsed="true" QFormat="true" Name="heading 2" />
```

```
UnhideWhenUsed="true" QFormat="true" Name="heading 3" />
```

```
UnhideWhenUsed="true" QFormat="true" Name="heading 4" />
```

```
UnhideWhenUsed="true" QFormat="true" Name="heading 5" />
```

```
UnhideWhenUsed="true" QFormat="true" Name="heading 6" />
```

```
UnhideWhenUsed="true" QFormat="true" Name="heading 7" />
```

```
UnhideWhenUsed="true" QFormat="true" Name="heading 8" />
```

```
UnhideWhenUsed="true" QFormat="true" Name="heading 9" />
```

```
Name="index 1" />
```

```
Name="index 2" />
```

```
Name="index 3" />
```

```
Name="index 4" />
```

```
Name="index 5" />
```

```
Name="index 6" />
```

```
Name="index 7" />
```

```
Name="index 8" />
```

```
Name="index 9" />
```

>

UnhideWhenUsed="true" Name="toc 1" />  
UnhideWhenUsed="true" Name="toc 2" />  
UnhideWhenUsed="true" Name="toc 3" />  
UnhideWhenUsed="true" Name="toc 4" />  
UnhideWhenUsed="true" Name="toc 5" />  
UnhideWhenUsed="true" Name="toc 6" />  
UnhideWhenUsed="true" Name="toc 7" />  
UnhideWhenUsed="true" Name="toc 8" />  
UnhideWhenUsed="true" Name="toc 9" />  
Name="Normal Indent" />  
Name="footnote text" />  
Name="annotation text" />  
Name="header" />  
Name="footer" />  
Name="index heading" />  
UnhideWhenUsed="true" QFormat="true" Name="caption" />  
Name="table of figures" />  
Name="envelope address" />  
Name="envelope return" />  
Name="footnote reference" />  
Name="annotation reference" />  
Name="line number" />  
Name="page number" />  
Name="endnote reference" />  
Name="endnote text" />

>

Name="table of authorities" />

Name="macro" />

Name="toa heading" />

Name="List" />

Name="List Bullet" />

Name="List Number" />

Name="List 2" />

Name="List 3" />

Name="List 4" />

Name="List 5" />

Name="List Bullet 2" />

Name="List Bullet 3" />

Name="List Bullet 4" />

Name="List Bullet 5" />

Name="List Number 2" />

Name="List Number 3" />

Name="List Number 4" />

Name="List Number 5" />

Name="Closing" />

Name="Signature" />

UnhideWhenUsed="true" Name="Default Paragraph Font" />

Name="Body Text" />

Name="Body Text Indent" />

Name="List Continue" />

Name="List Continue 2" />

>

Name="List Continue 3" />

Name="List Continue 4" />

Name="List Continue 5" />

Name="Message Header" />

Name="Salutation" />

Name="Date" />

Name="Body Text First Indent" />

Name="Body Text First Indent 2" />

Name="Note Heading" />

Name="Body Text 2" />

Name="Body Text 3" />

Name="Body Text Indent 2" />

Name="Body Text Indent 3" />

Name="Block Text" />

Name="Hyperlink" />

Name="FollowedHyperlink" />

Name="Document Map" />

Name="Plain Text" />

Name="E-mail Signature" />

Name="HTML Top of Form" />

Name="HTML Bottom of Form" />

Name="Normal (Web)" />

Name="HTML Acronym" />

>

Name="HTML Address" />

Name="HTML Cite" />

Name="HTML Code" />

Name="HTML Definition" />

Name="HTML Keyboard" />

Name="HTML Preformatted" />

Name="HTML Sample" />

Name="HTML Typewriter" />

Name="HTML Variable" />

Name="Normal Table" />

Name="annotation subject" />

Name="No List" />

Name="Outline List 1" />

Name="Outline List 2" />

Name="Outline List 3" />

Name="Table Simple 1" />

Name="Table Simple 2" />

Name="Table Simple 3" />

Name="Table Classic 1" />

Name="Table Classic 2" />

Name="Table Classic 3" />

Name="Table Classic 4" />

Name="Table Colorful 1" />

Name="Table Colorful 2" />

Name="Table Colorful 3" />

>

Name="Table Columns 1" />  
Name="Table Columns 2" />  
Name="Table Columns 3" />  
Name="Table Columns 4" />  
Name="Table Columns 5" />  
Name="Table Grid 1" />  
Name="Table Grid 2" />  
Name="Table Grid 3" />  
Name="Table Grid 4" />  
Name="Table Grid 5" />  
Name="Table Grid 6" />  
Name="Table Grid 7" />  
Name="Table Grid 8" />  
Name="Table List 1" />  
Name="Table List 2" />  
Name="Table List 3" />  
Name="Table List 4" />  
Name="Table List 5" />  
Name="Table List 6" />  
Name="Table List 7" />  
Name="Table List 8" />  
Name="Table 3D effects 1" />  
Name="Table 3D effects 2" />  
Name="Table 3D effects 3" />  
Name="Table Contemporary" />

>

Name="Table Elegant" />

Name="Table Professional" />

Name="Table Subtle 1" />

Name="Table Subtle 2" />

Name="Table Web 1" />

Name="Table Web 2" />

Name="Table Web 3" />

Name="Balloon Text" />

Name="Table Theme" />

Name="List Paragraph" />

Name="Intense Quote" />

>

Steambrite Supply

>

Name="Subtle Emphasis" />

Name="Intense Emphasis" />

Name="Subtle Reference" />

Name="Intense Reference" />

UnhideWhenUsed="true" Name="Bibliography" />

UnhideWhenUsed="true" QFormat="true" Name="TOC Heading" />

>

Name="Grid Table 1 Light Accent 1" />

Name="Grid Table 6 Colorful Accent 1" />

Name="Grid Table 7 Colorful Accent 1" />

Name="Grid Table 1 Light Accent 2" />

Name="Grid Table 6 Colorful Accent 2" />

Name="Grid Table 7 Colorful Accent 2" />

Name="Grid Table 1 Light Accent 3" />

Name="Grid Table 6 Colorful Accent 3" />

Name="Grid Table 7 Colorful Accent 3" />

Name="Grid Table 1 Light Accent 4" />

Name="Grid Table 6 Colorful Accent 4" />

Name="Grid Table 7 Colorful Accent 4" />

Name="Grid Table 1 Light Accent 5" />

Name="Grid Table 6 Colorful Accent 5" />

Name="Grid Table 7 Colorful Accent 5" />

>

Name="Grid Table 1 Light Accent 6" />

Name="Grid Table 6 Colorful Accent 6" />

Name="Grid Table 7 Colorful Accent 6" />

Name="List Table 1 Light Accent 1" />

Name="List Table 6 Colorful Accent 1" />

Name="List Table 7 Colorful Accent 1" />

Name="List Table 1 Light Accent 2" />

Name="List Table 6 Colorful Accent 2" />

Name="List Table 7 Colorful Accent 2" />

Name="List Table 1 Light Accent 3" />

Name="List Table 6 Colorful Accent 3" />

Name="List Table 7 Colorful Accent 3" />

Name="List Table 1 Light Accent 4" />

>

Name="List Table 6 Colorful Accent 4" />

Name="List Table 7 Colorful Accent 4" />

Name="List Table 1 Light Accent 5" />

Name="List Table 6 Colorful Accent 5" />

Name="List Table 7 Colorful Accent 5" />

Name="List Table 1 Light Accent 6" />

Name="List Table 6 Colorful Accent 6" />

Name="List Table 7 Colorful Accent 6" />

Name="Mention" />

Name="Smart Hyperlink" />

Name="Hashtag" />

Name="Unresolved Mention" />

Name="Smart Link" />

```
/* Style Definitions */  
table.MsoNormalTable  
{mso-style-name:"Table Normal";  
mso-tstyle-rowband-size:0;  
mso-tstyle-colband-size:0;  
mso-style-noshow:yes;  
mso-style-priority:99;  
mso-style-parent:"";  
mso-padding-alt:0in 5.4pt 0in 5.4pt;  
mso-para-margin:0in;
```

>

mso-pagination:widow-orphan;  
font-size:11.0pt;  
font-family:"Calibri",sans-serif;  
mso-ascii-font-family:Calibri;  
mso-ascii-theme-font:minor-latin;  
mso-hansi-font-family:Calibri;  
mso-hansi-theme-font:minor-latin;  
mso-bidi-font-family:"Times New Roman";  
mso-bidi-theme-font:minor-bidi;}

Normal  
0

false  
false  
false

EN-US  
X-NONE  
X-NONE

>

```
DefSemiHidden="false" DefQFormat="false" DefPriority="99"  
LatentStyleCount="376">
```

```
UnhideWhenUsed="true" QFormat="true" Name="heading 2" />
```

```
UnhideWhenUsed="true" QFormat="true" Name="heading 3" />
```

```
UnhideWhenUsed="true" QFormat="true" Name="heading 4" />
```

```
UnhideWhenUsed="true" QFormat="true" Name="heading 5" />
```

```
UnhideWhenUsed="true" QFormat="true" Name="heading 6" />
```

```
UnhideWhenUsed="true" QFormat="true" Name="heading 7" />
```

```
UnhideWhenUsed="true" QFormat="true" Name="heading 8" />
```

```
UnhideWhenUsed="true" QFormat="true" Name="heading 9" />
```

```
Name="index 1" />
```

```
Name="index 2" />
```

```
Name="index 3" />
```

```
Name="index 4" />
```

```
Name="index 5" />
```

```
Name="index 6" />
```

```
Name="index 7" />
```

```
Name="index 8" />
```

```
Name="index 9" />
```

```
UnhideWhenUsed="true" Name="toc 1" />
```

```
UnhideWhenUsed="true" Name="toc 2" />
```

```
UnhideWhenUsed="true" Name="toc 3" />
```

>

UnhideWhenUsed="true" Name="toc 4" />  
UnhideWhenUsed="true" Name="toc 5" />  
UnhideWhenUsed="true" Name="toc 6" />  
UnhideWhenUsed="true" Name="toc 7" />  
UnhideWhenUsed="true" Name="toc 8" />  
UnhideWhenUsed="true" Name="toc 9" />  
Name="Normal Indent" />  
Name="footnote text" />  
Name="annotation text" />  
Name="header" />  
Name="footer" />  
Name="index heading" />  
UnhideWhenUsed="true" QFormat="true" Name="caption" />  
Name="table of figures" />  
Name="envelope address" />  
Name="envelope return" />  
Name="footnote reference" />  
Name="annotation reference" />  
Name="line number" />  
Name="page number" />  
Name="endnote reference" />  
Name="endnote text" />  
Name="table of authorities" />  
Name="macro" />  
Name="toa heading" />

>

Name="List" />

Name="List Bullet" />

Name="List Number" />

Name="List 2" />

Name="List 3" />

Name="List 4" />

Name="List 5" />

Name="List Bullet 2" />

Name="List Bullet 3" />

Name="List Bullet 4" />

Name="List Bullet 5" />

Name="List Number 2" />

Name="List Number 3" />

Name="List Number 4" />

Name="List Number 5" />

Name="Closing" />

Name="Signature" />

UnhideWhenUsed="true" Name="Default Paragraph Font" />

Name="Body Text" />

Name="Body Text Indent" />

Name="List Continue" />

Name="List Continue 2" />

Name="List Continue 3" />

Name="List Continue 4" />

>

Name="List Continue 5" />

Name="Message Header" />

Name="Salutation" />

Name="Date" />

Name="Body Text First Indent" />

Name="Body Text First Indent 2" />

Name="Note Heading" />

Name="Body Text 2" />

Name="Body Text 3" />

Name="Body Text Indent 2" />

Name="Body Text Indent 3" />

Name="Block Text" />

Name="Hyperlink" />

Name="FollowedHyperlink" />

Name="Document Map" />

Name="Plain Text" />

Name="E-mail Signature" />

Name="HTML Top of Form" />

Name="HTML Bottom of Form" />

Name="Normal (Web)" />

Name="HTML Acronym" />

Name="HTML Address" />

Name="HTML Cite" />

Name="HTML Code" />

>

Name="HTML Definition" />

Name="HTML Keyboard" />

Name="HTML Preformatted" />

Name="HTML Sample" />

Name="HTML Typewriter" />

Name="HTML Variable" />

Name="Normal Table" />

Name="annotation subject" />

Name="No List" />

Name="Outline List 1" />

Name="Outline List 2" />

Name="Outline List 3" />

Name="Table Simple 1" />

Name="Table Simple 2" />

Name="Table Simple 3" />

Name="Table Classic 1" />

Name="Table Classic 2" />

Name="Table Classic 3" />

Name="Table Classic 4" />

Name="Table Colorful 1" />

Name="Table Colorful 2" />

Name="Table Colorful 3" />

Name="Table Columns 1" />

Name="Table Columns 2" />

Name="Table Columns 3" />

>

Name="Table Columns 4" />

Name="Table Columns 5" />

Name="Table Grid 1" />

Name="Table Grid 2" />

Name="Table Grid 3" />

Name="Table Grid 4" />

Name="Table Grid 5" />

Name="Table Grid 6" />

Name="Table Grid 7" />

Name="Table Grid 8" />

Name="Table List 1" />

Name="Table List 2" />

Name="Table List 3" />

Name="Table List 4" />

Name="Table List 5" />

Name="Table List 6" />

Name="Table List 7" />

Name="Table List 8" />

Name="Table 3D effects 1" />

Name="Table 3D effects 2" />

Name="Table 3D effects 3" />

Name="Table Contemporary" />

Name="Table Elegant" />

Name="Table Professional" />

Name="Table Subtle 1" />

>

Name="Table Subtle 2" />

Name="Table Web 1" />

Name="Table Web 2" />

Name="Table Web 3" />

Name="Balloon Text" />

Name="Table Theme" />

Name="List Paragraph" />

Name="Intense Quote" />

>

Steambrite Supply

>

Name="Subtle Emphasis" />

Name="Intense Emphasis" />

Name="Subtle Reference" />

Name="Intense Reference" />

UnhideWhenUsed="true" Name="Bibliography" />

UnhideWhenUsed="true" QFormat="true" Name="TOC Heading" />

Name="Grid Table 1 Light Accent 1" />

>

Name="Grid Table 6 Colorful Accent 1" />

Name="Grid Table 7 Colorful Accent 1" />

Name="Grid Table 1 Light Accent 2" />

Name="Grid Table 6 Colorful Accent 2" />

Name="Grid Table 7 Colorful Accent 2" />

Name="Grid Table 1 Light Accent 3" />

Name="Grid Table 6 Colorful Accent 3" />

Name="Grid Table 7 Colorful Accent 3" />

Name="Grid Table 1 Light Accent 4" />

Name="Grid Table 6 Colorful Accent 4" />

Name="Grid Table 7 Colorful Accent 4" />

Name="Grid Table 1 Light Accent 5" />

Name="Grid Table 6 Colorful Accent 5" />

Name="Grid Table 7 Colorful Accent 5" />

Name="Grid Table 1 Light Accent 6" />

>

Name="Grid Table 6 Colorful Accent 6" />

Name="Grid Table 7 Colorful Accent 6" />

Name="List Table 1 Light Accent 1" />

Name="List Table 6 Colorful Accent 1" />

Name="List Table 7 Colorful Accent 1" />

Name="List Table 1 Light Accent 2" />

Name="List Table 6 Colorful Accent 2" />

Name="List Table 7 Colorful Accent 2" />

Name="List Table 1 Light Accent 3" />

Name="List Table 6 Colorful Accent 3" />

Name="List Table 7 Colorful Accent 3" />

Name="List Table 1 Light Accent 4" />

Name="List Table 6 Colorful Accent 4" />

>

Name="List Table 7 Colorful Accent 4" />

Name="List Table 1 Light Accent 5" />

Name="List Table 6 Colorful Accent 5" />

Name="List Table 7 Colorful Accent 5" />

Name="List Table 1 Light Accent 6" />

Name="List Table 6 Colorful Accent 6" />

Name="List Table 7 Colorful Accent 6" />

Name="Mention" />

Name="Smart Hyperlink" />

Name="Hashtag" />

Name="Unresolved Mention" />

Name="Smart Link" />

```
/* Style Definitions */
table.MsoNormalTable
{mso-style-name:"Table Normal";
mso-tstyle-rowband-size:0;
mso-tstyle-colband-size:0;
mso-style-noshow:yes;
mso-style-priority:99;
mso-style-parent:"";
mso-padding-alt:0in 5.4pt 0in 5.4pt;
mso-para-margin:0in;
mso-pagination:widow-orphan;
font-size:11.0pt;
font-family:"Calibri",sans-serif;
mso-ascii-font-family:Calibri;
mso-ascii-theme-font:minor-latin;
```

>

mso-hansi-font-family:Calibri;  
mso-hansi-theme-font:minor-latin;  
mso-bidi-font-family:"Times New Roman";  
mso-bidi-theme-font:minor-bidi;}

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 Wednesday 11 June, 2014*