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Model Number: 20240547

Clean Storm ReverseL6-20R Power Joiner Step Up Inverter Converts Dual 20A 120V To 240 Volt 3Wire 80Ka Surge 20240547

Manufacturer: Clean Storm

Power Cord Adapter Inverter (Reverse Converter) Takes two 115 volt outlets and allows you to use 230 volt appliances that uses under 20 amp @ 230 volts (4600 watts) Single phase current to NEMA L6-20R receptacle. Fast and Easy 220 volts.

Bundle Includes:

Clean Storm ReverseL6-20R Power Joiner Step Up Inverter Converts Dual 20Amp 120V To allow 240 Volt 3 wire - 5008

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

Factory Installed 600 Volt, 80,000 Amp Surge Protection

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.

Commonly used with:

Used On:

Husqvarna PG280 PG450 PG530 Grinders, Drill Motor DM340, and more...

Lavina Elite L13E Grinder

Lavina L16EU Grinder

Lavina L20E Grinder

Lavina L20EB Grinder

Lavina V25EU Vacuum

Lavina V20E230 Vacuum

Lavina V20EU Vacuum

Blastrac BDC-23 230V 1 Phase 13 Amp Dust Collector

Blastrac BDC-24 230V 1 Phase 20 Amp Dust Collector

Go-Cable GC20 Tri-Voltage (120-208-240) Level 2 Charge Station

Werkmaster Edge 000-0145-00 Concrete Grinder

Husqvarna 967648605 Grinder

Jining Suwelin Machinery SWL300 18 Inch 230 volt 20 amp Grinder

Husky Air Compressors: Model C602H 60 gallon Internet 205389936, SKU 911625 and Husky VT6314 / Internet 100083906

Vapor Steam Units:

Dupray CARMEN SUPER INOX&trade; Steam Extractor 220 volt Vapor Unit.

Bulldog 65008 Curing Machine

Bulldog 13-3000L Curing Machine

Bulldog 13-3000S Curing Machine

Bulldog 13-3000A Curing Machine

Schaerer Coffee Art C HC Touch Grinder 040381-00050EUS  
Schaerer Coffee Art C H Touch Grinder 040381-00051EUS  
Schaerer Coffee Art C H Touch 3G Grinder 040381-00058EUS  
Schaerer Coffee Art C CH Touch 3G Grinder 040381-00062EUS

#### Commercial Floor Sanders:

American Sander Epoch HD-20 (both 07234A and 07238A models)  
American Sander Epoch HD-16 (02133A, 07237A, and 07233C models)  
American Floor Crafter Belt Sander 8" (07104B, 07104C)  
American Legend Belt Sander (07236A, 07236B, 07236C)  
American 12 Drum Sander (07108A, 07204A, 07108C)  
American 8 Drum Sander (07032C, 07105A, 07105C)  
American Horizontal Rotary Epoch Dual Speed Sander 07221A  
American 3DS Rotary Sander with On board Dust Containment 07082C  
American AVac26 07213B Vacuum  
Hummel Lagler Belt Sanding Machine 230V 2.9KW Single Phase Version  
Lagler Trio Three Disc Sander  
Lagler Single Disc Sanding Machine P006 852.00.00.100 220v 1.2KW  
Hummel 8" Belt Sanding Machine P001LED 122.00.00.100

#### Works with

Electric Vehicle Charger EVSE 220-240v Level 2 Car Locking L Nema L6-20P  
Plug To J1772 EV Charging Station Duosida 20180821

Power supplies for ther 220 to 240 volt receptacles available including but not limited to: NEMA 6-30R, NEMA 6-50R, NEMA 10-30R, NEMA L14-30R, NEMA L16-30R, NEMA 14-60R, and more...

Perfect for electric cars, pressure washers, welders, plasma cutters, vapor steam cleaners, concrete grinders, industrial vacuum units, mobile simulation lab (RN), coffee grinders, wood working machines, and other high powered equipment when 230-240 volt plugs are just not available.

Not for use on GFCI or LDCI 115-125 volt Outlets (because it will trip)  
If you want to use in a GFCI or LDCI location, you will have to remove these outlets from the wall and replace with standard NEMA 5-20R Outlets, then retest for the bright green light to confirm you are on different phases. Power supply will only work

with single phase equipment not work with 3 phase equipment.

To use simply plug into different outlets and push the momentary button to test voltage. If the voltage test 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. 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 plus or minus 230 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. Most 230 volt pressure washers draw less than 20 amps @ 230 volts any way so usually you will not have to turn the pressure down.

Commonly used the the Hypervac Hybrid Air Duct cleaning Machine.

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

Plastic Box is 6" X 6" X 5"

Dual 12-3 X 25 ft power cords with dual 20 amp push breakers.

240 volt Green Test Light with Momentary switch.

Rubber feet on bottom of box

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

Electrical Outlet Receptacle Tester 3 wire 120 volt  
20100823

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 then the 80/20 rules math is 20 amps X 80% = 16 amps max.

Compare to current or past OEM associations:

540-0213-00

Mytee 5008 Hunter

Testimonial:

"We have been using ours since 2/22/2017 and still use it today without any problems." Kescor Inc

1 yr manufactures warranty or add 2 or 4 more years for a little more.

Videos:

<https://youtu.be/aKcLxn1crZY>

<https://youtu.be/fYctcjvRx9I>

<https://youtu.be/1hmtxWyOzlk>

<https://youtu.be/xaF5OkqATQc>

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.

Optional

Clean Storm HEPA Concrete Grinder Dust Slurry Extractor Collector Triple Vacuum Motors 5 Stage Filter System Wet/Dry Shop Vac 335CFM 20230111 Video On Link!

Extension Power Cord 230 Volt 25 ft 10 gauge 3 wire 10-3 with ends installed L6-20 P and R Not E351 20221012 Husqvarna Grinders

Extension Power Cord 230 Volt 25 ft 12 AWG 3 wire 12-3 AWG L6-20P X L6-20R For Husqvarna Grinders 59372401

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Extension Power Cord 230 Volt 50 ft 10 gauge 3 wire 10-3 with ends installed  
L6-20 P and R Not E351 20171017 Husqvarna Grinders

Extension Power Cord 230 Volt 50 ft 12 AWG 3 wire 12-3 AWG L6-20P X  
L6-20R E351 Freight Included For Husqvarna Grinders

Owners Manual

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Availability: This product was added to our catalog on Thursday 06 June, 2024