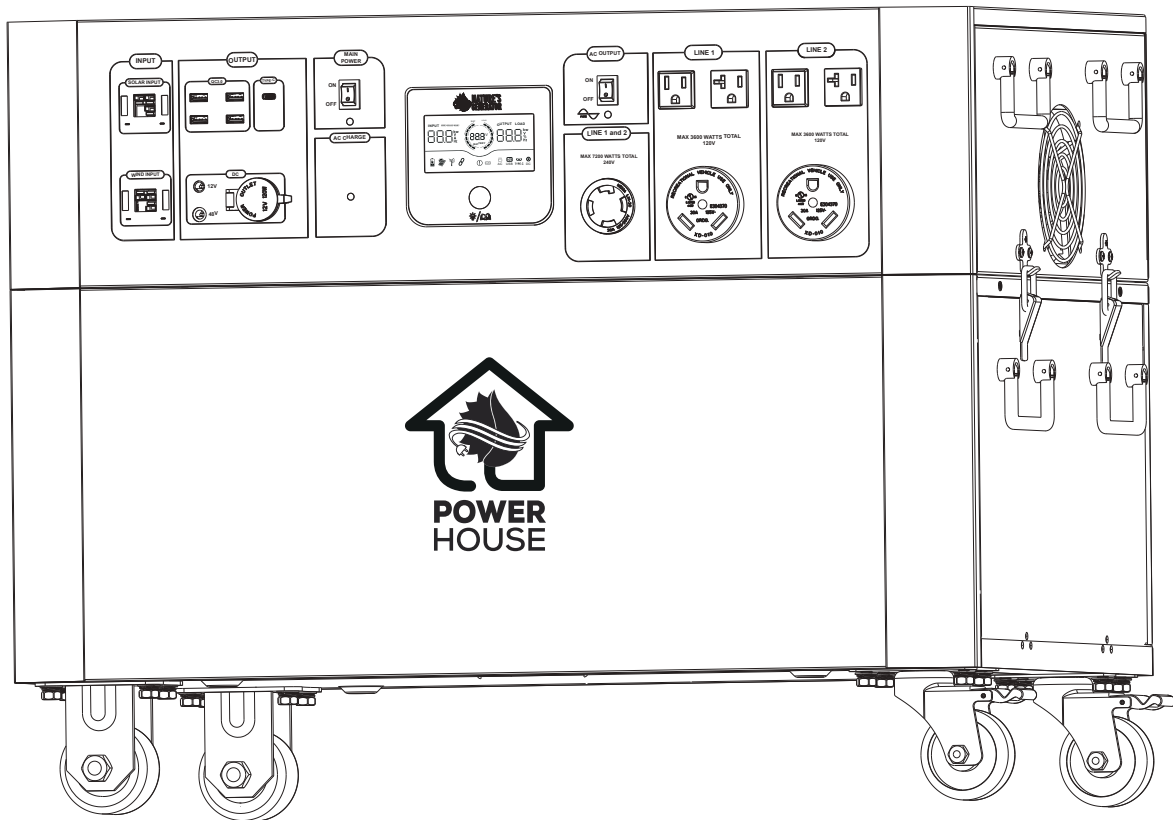


# Nature's Generator Powerhouse

## User Manual



# Nature's Generator Powerhouse

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## ***Important Safety Instructions***

1. Read these instructions.
2. Keep this user manual in a safe and accessible place.
3. Take note of all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Do not block any ventilation openings.
7. Do not use near flammable gases or fumes or other apparatus that produce a large amount of heat.
8. Only use attachments/accessories approved by the manufacturer.
9. Only use with the wheels and handles approved by manufacturer, or sold with product. Use cautiously when moving with the wheels and handles to avoid tip-over injury.
10. Refer all servicing to qualified service personnel. Servicing is required when the equipment has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the equipment, the equipment has been exposed to rain or moisture, has been dropped or does not operate normally.
11. The equipment should not be exposed to dripping or splashing, and no objects filled with liquids, such as drinking glasses or vases, should be placed on the equipment.

## ***Warning***

### ***Electric Shock Hazard***

Keep away from children. Nature's Generator Powerhouse generates the same potentially lethal AC power as a normal household wall outlet. To reduce the risk of fire or electric shock, do not remove any cover or expose the device to rain or moisture. Do not insert foreign objects into the AC outlets or the ventilation holes.

### ***Explosion Hazard***

Do not burn or incinerate this item. This item may explode, causing property damage or personal injury. Do not use near flammable gases or fumes or other apparatus that produces large amounts of heat.

### ***Lightning Hazard***

For added protection for your device during a lightning storm, unplug it from the power outlet and disconnect the cables. This helps to prevent property damage and personal injury from lightning and power line surges.

### ***Energy and Burn Hazard***

Nature's Generator Powerhouse has sealed lead acid batteries, which can present a risk of burn or fire hazard from high current because of short-circuit.

### ***Replacement Parts***

When replacement parts are required, make sure that the service technician uses replacement parts specified by the manufacturer that have the same characteristics as the original part. Unauthorized substitutions may result in fire, electric shock, personal injury, or other hazards.

### ***Caution***

#### ***Damage Requiring Service***

Stop using the Nature's Generator Powerhouse and refer servicing to qualified service personnel under the following conditions:

- If liquid has been spilled or objects have fallen into your Nature's Generator Powerhouse.
- If your Nature's Generator Powerhouse has been exposed to rain or water.
- If your Nature's Generator Powerhouse has been dropped or damaged in any way.
- When your Nature's Generator Powerhouse exhibits a distinct change in performance.

### ***Cold Weather***

Cold temperatures can impact Nature's Generator Powerhouse performance. If you are in area that will be consistently below freezing, we recommend keeping your Nature's Generator Powerhouse in an insulated location and connected to solar panels.

### ***Recycling and Disposal***

Your Nature's Generator Powerhouse may contain materials that are regulated for environmental reasons.

Your Nature's Generator Powerhouse also contains materials that can be recycled and reused. To help protect the environment, contact your local authorities for information about disposal or recycling and about finding a recycler in your area before you dispose of your Nature's Generator Powerhouse.

### ***Safety Check***

After completing any service or repair to this device, ask the service technician to perform routine safety checks to determine that your Nature's Generator Powerhouse is in correct operating condition.

### ***Servicing***

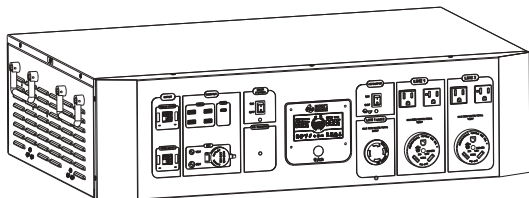
These servicing instructions are for use by qualified service personnel only. To reduce the risk of electric shock, do not perform any servicing other than that contained in the operating instructions unless you are qualified to do so.

## ***Introduction***

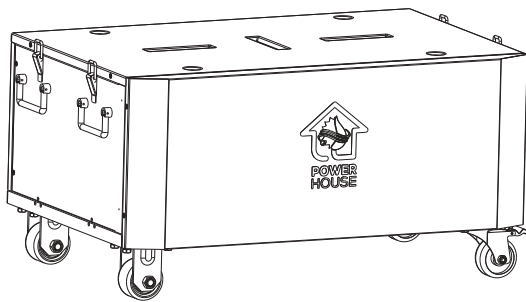
Congratulations on your new Nature's Generator Powerhouse, a state-of-art generator that provides reliable power for emergencies, off grid living, or wherever power is needed.

## ***Unpacking Your Nature's Generator Powerhouse***

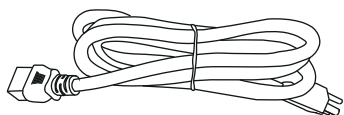
### **1. Nature's Generator Powerhouse Generator**



### **2. Nature's Generator Powerhouse Battery Storage**



### **3. AC Power Cord**

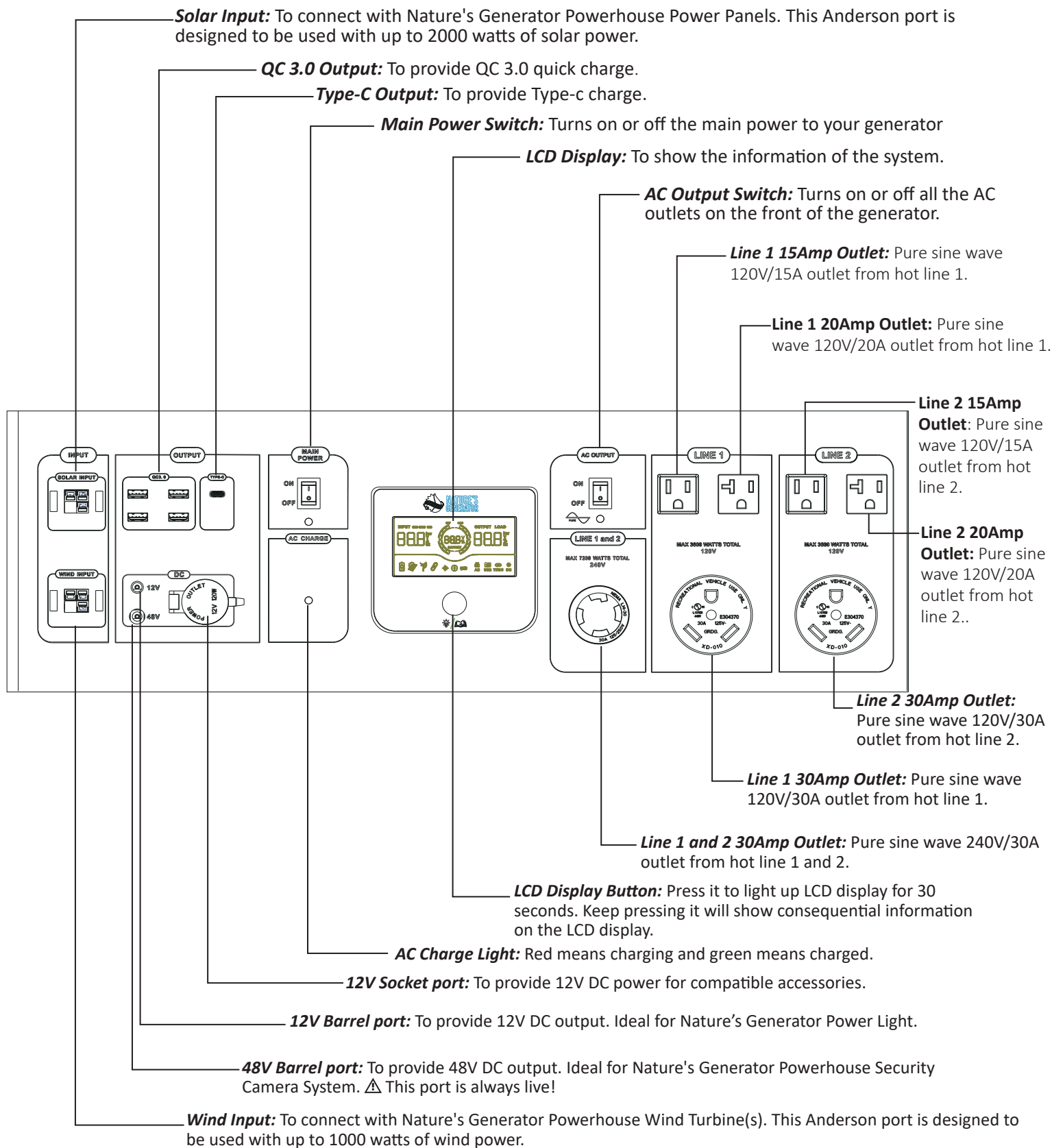


### **4. This User Guide**

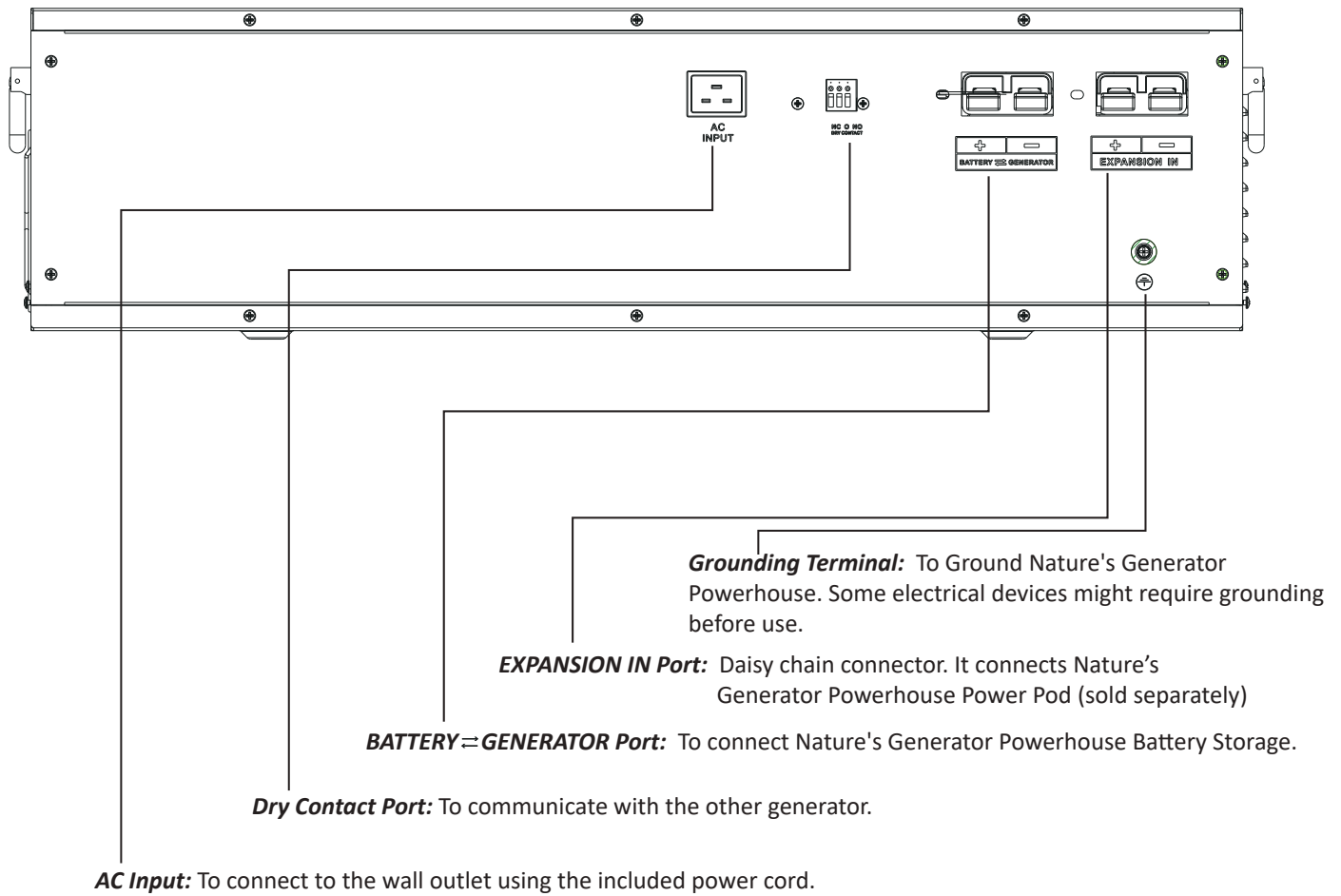


# Get to Know Your Nature's Generator Powerhouse

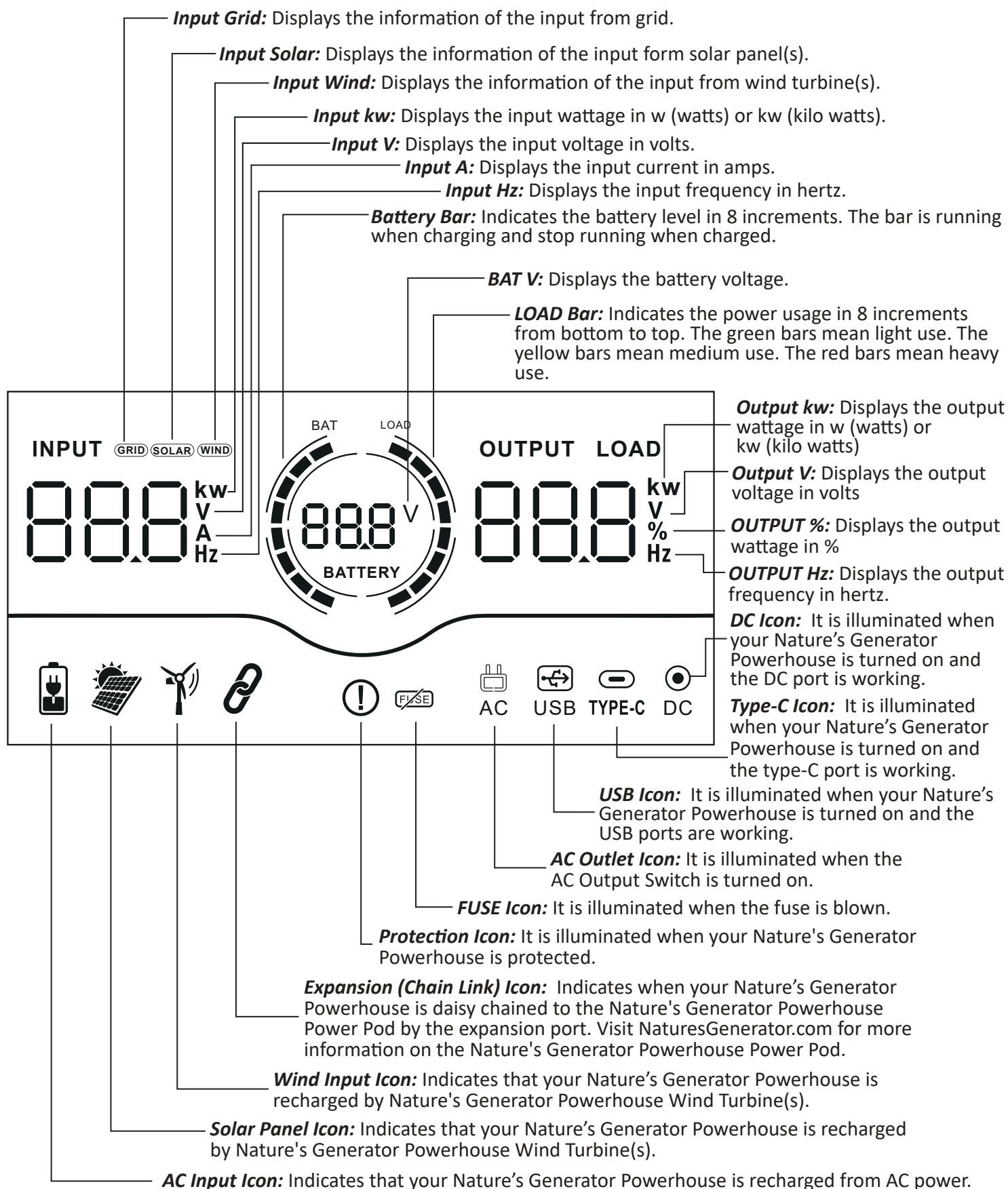
## Front Panel



## Back Panel



## How to Read the LCD Display





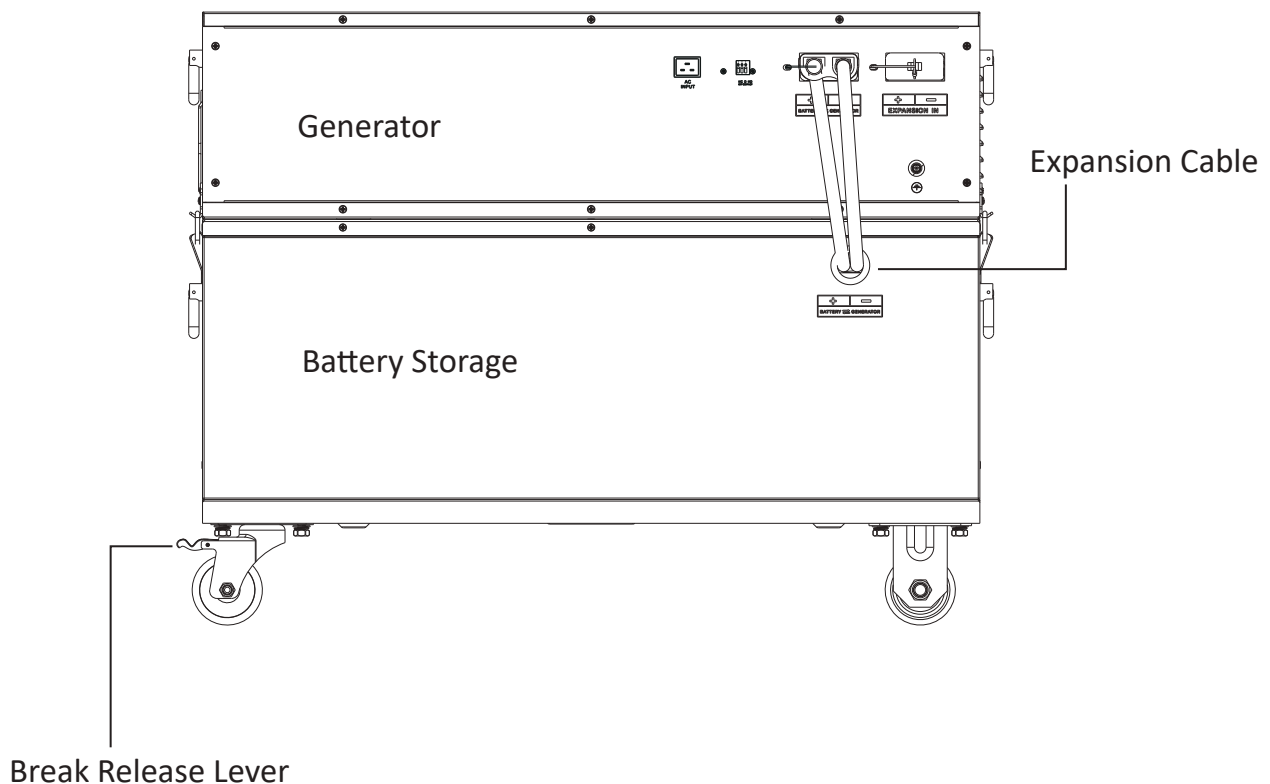
## ***Protection Code***

- E02: The Nature's Generator Powerhouse has been protected from high temperature.
- E03: The Nature's Generator Powerhouse has been protected from high voltage of batteries.
- E04: The Nature's Generator Powerhouse has been protected from low voltage of batteries.
- E05: The Nature's Generator Powerhouse has been protected because of the short circuit of the inverter.
- E06: The Nature's Generator Powerhouse has been protected because the output voltage from the inverter is too high.
- E07: The Nature's Generator Powerhouse has been protected from over-loaded.
- E11: The Nature's Generator Powerhouse has been protected because the input from solar panels is too high
- E12: The Nature's Generator Powerhouse has been protected because the input from the wind turbines is too high
- E97: The Nature's Generator Powerhouse has been protected because the output voltage from the inverter is too low.
- E98: Communication fails
- E99: The inverter fails to start up.

## ***Using Your Nature's Generator Powerhouse***

### ***How to Assemble Your Nature's Generator Powerhouse***

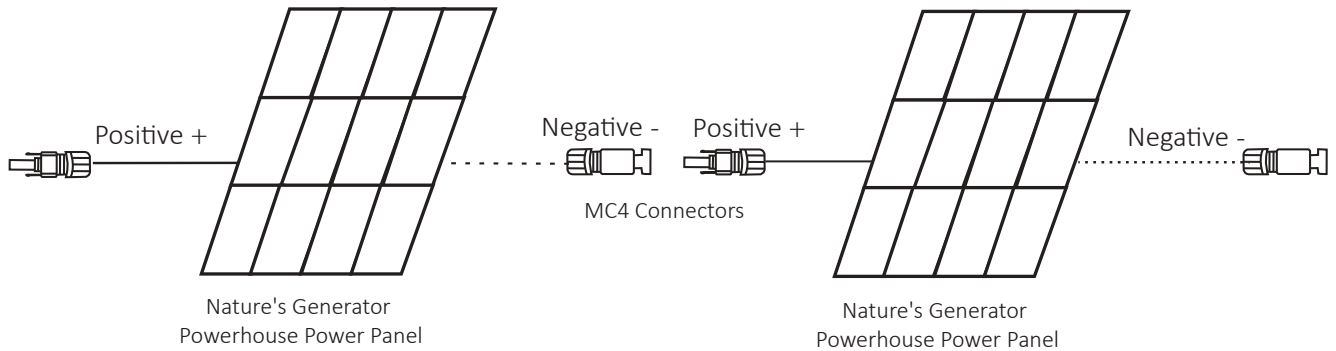
1. Gently move your Nature's Generator Powerhouse Battery Storage to the desired location. Please be aware that two wheels have breaks. Release the breaks before you start moving Nature's Generator Powerhouse Battery Storage.
2. Team lift Nature's Generator Powerhouse Generator and place it on top of the Nature's Generator Powerhouse Battery Storage. Make sure they are aligned Properly. If the ground is uneven or sloping, please add the shim(s) under the wheels to keep your Nature's Generator Powerhouse leveled.
3. Lock the latches on both sides.
4. Connect the expansion cable from Nature's Generator Powerhouse Battery Storage to the Battery = Generator Port on the back of Nature's Generator Powerhouse Generator.



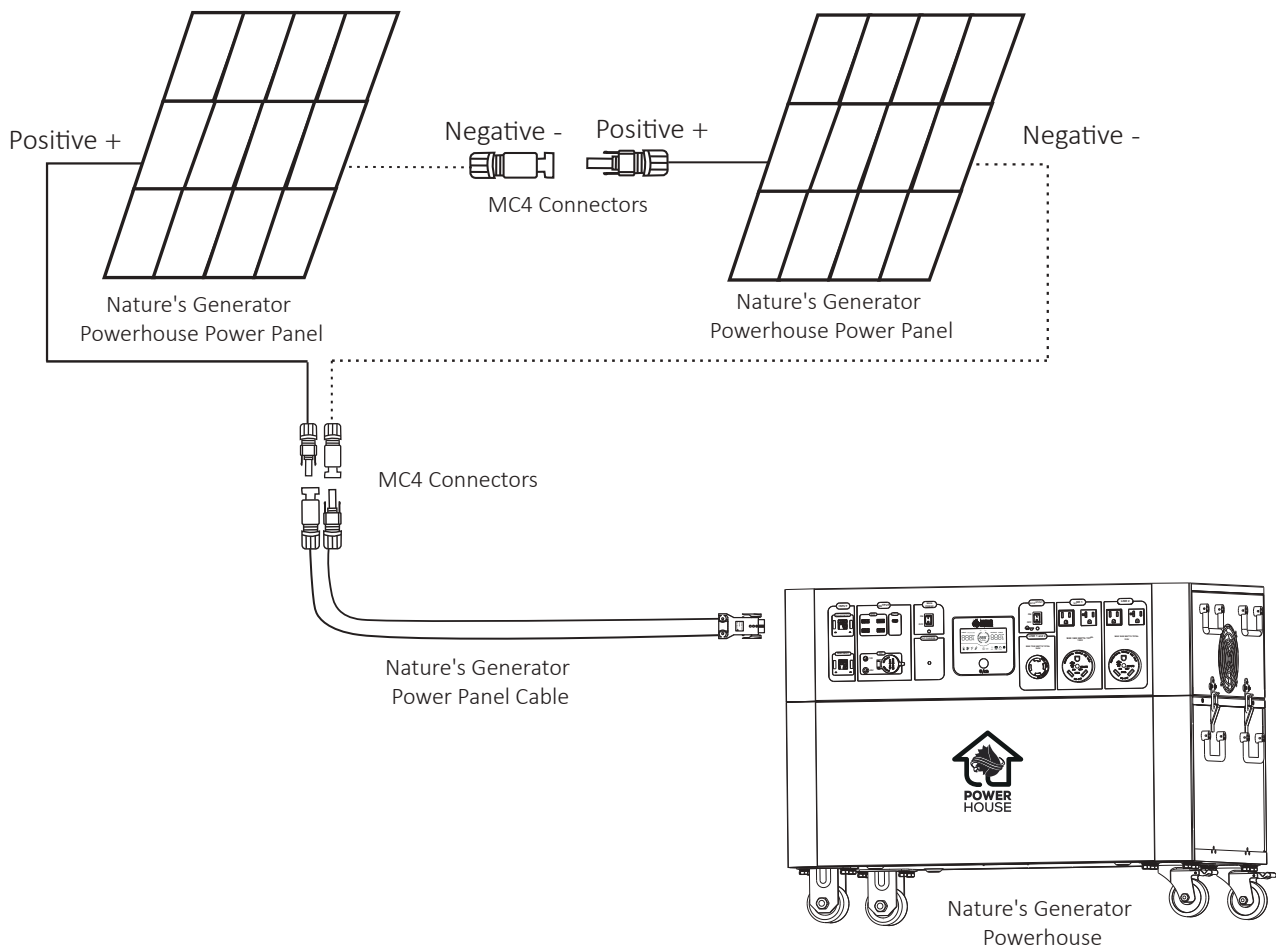
## How to Recharge Your Nature's Generator Powerhouse

Recharging from Nature's Generator Powerhouse Power Panels (sold separately):

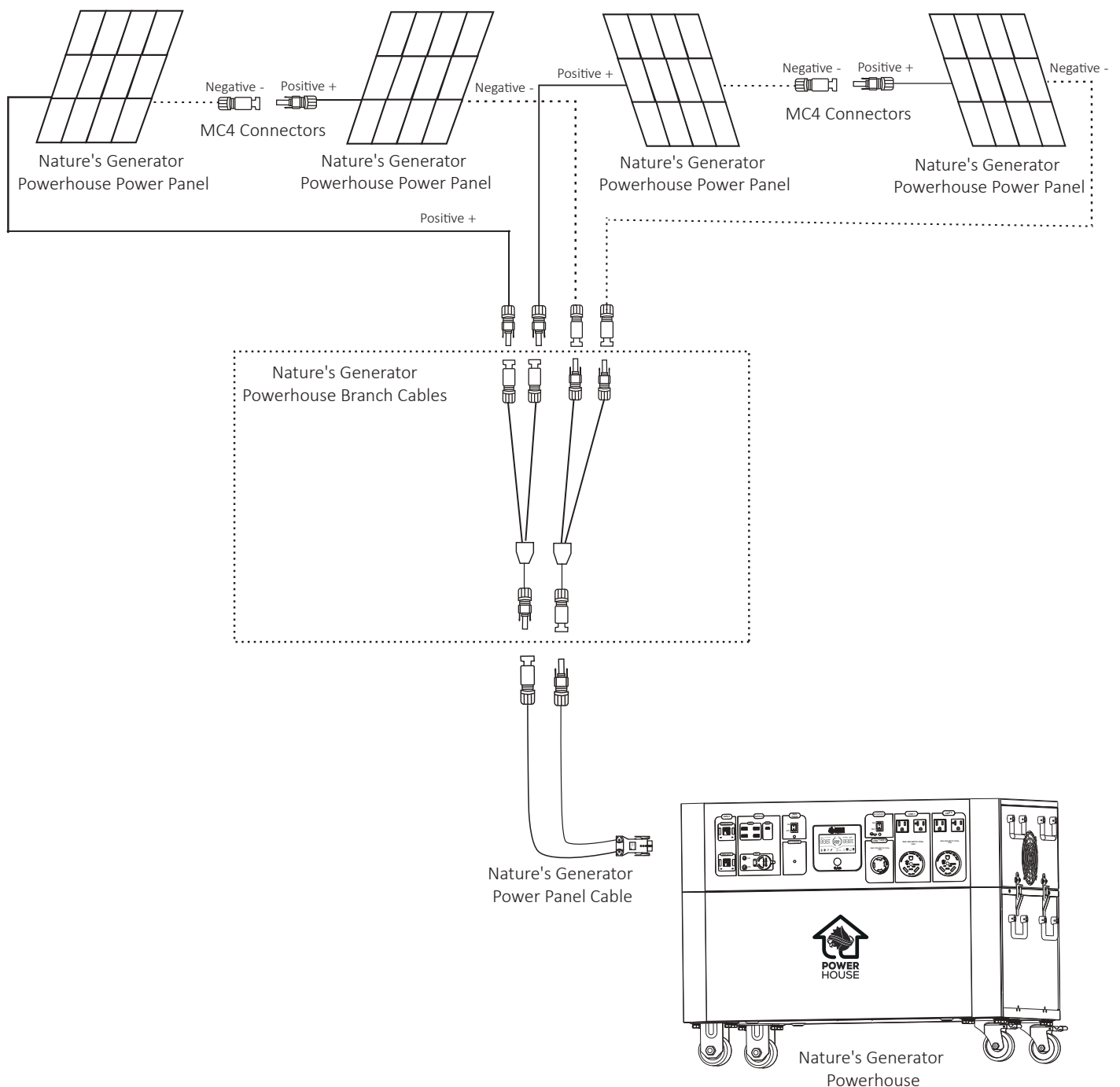
1. Place your Nature's Generator Powerhouse Power Panels where they will get as much direct sunlight as possible. While direct sunlight is always preferred, the power panels will also send a small amount of charge to your Powerhouse during hazy or overcast sky conditions.
2. Connect two Nature's Generator Powerhouse Power Panels in series.



3. Connect the MC4 connectors of your Power Panel Cable to the remaining MC4 connectors on the Nature's Generator Powerhouse Power Panels. Minimum two serial connected Nature's Generator Powerhouse Power Panels are needed to recharge Nature's Generator Powerhouse.



4. Insert Power Panel Cable plug into Solar Input port on the front of your Nature's Generator Powerhouse. You will know it is recharging when LCD display lights up, solar panel icon is illuminated, and battery bar starts running. The battery bar will stop running when the battery is full or there is not enough power from Nature's Generator Powerhouse Power Panels.
5. It usually takes about 8 to 15 hours to recharge the Nature's Generator Powerhouse if using two Nature's Generator Powerhouse Power Panels. The recharging time, of course, also depends on the temperature and the strength of the sunlight.
6. To increase the recharging speed, you can connect the two serial connected Nature's Generator Powerhouse Power Panels in parallel connection. The Solar Input port can handle up to 2000 watts of solar power. Visit [Naturesgenerator.com](http://Naturesgenerator.com) for more information about Nature's Generator Powerhouse Power Panels



### ***Recharging from the Nature's Generator Powerhouse Wind Turbine (sold separately):***

1. Place your Nature's Generator Powerhouse Wind Turbine where it will get sufficient wind.
2. Follow the manual of Nature's Generator Powerhouse Wind Turbine to set up the wind turbine.
3. Insert the wind turbine cable connector into Wind Input port on the front of your Nature's Generator Powerhouse. You will know it is recharging when LCD display lights up, wind turbine icon is illuminated, and battery bar starts running. The battery bar will stop running when the battery is full or there is not enough power from wind turbine. The recharging speed depends on the strength of the wind.
4. To increase the recharging speed, connect another Nature's Generator Powerhouse Wind Turbine by the dual charger controller. The Wind Input port can handle up to 1000 watts of wind power. Visit [Naturesgenerator.com](http://Naturesgenerator.com) for more information about Nature's Generator Powerhouse Wind Turbine.

### ***Recharging from AC Power***

1. Insert the power cord to the AC Input Port on the back of the Nature's Generator Powerhouse.
2. Plug the other end of the power cord into the wall outlet. You will know it is recharging when LCD on the front of Nature's Generator Powerhouse display lights up, AC input icon is illuminated on the LCD display and battery bar starts running. The battery bar stops running when the battery is full and the AC Input light changes from red to green. Nature's Generator Powerhouse AC Output will shutdown automatically when it is be recharging from AC power.

### ***How to Use Your Nature's Generator Powerhouse***

1. Press the Main Power Switch to turn on your Nature's Generator Powerhouse. DC and USB ports will be on automatically when the Main Power Switch is on.
2. Press the AC Output Switch to turn on the AC outlets. When not using the AC outlets, make sure to turn off AC Output Switch to conserve power.
3. Plug in your devices for power.

### ***How to Expand the Capacity of Your Nature's Generator Powerhouse***

You can extend the run time of your Nature's Generator Powerhouse by connecting it to the Nature's Generator Powerhouse Power Pod (sold separately). Visit [naturesgenerator.com](http://naturesgenerator.com) to purchase Nature's Generator Powerhouse Power Pod.

1. Locate the expansion cable on Nature's Generator Powerhouse Power Pod and run the expansion cable to the back of the Nature's Generator Powerhouse.
2. Locate Expansion In Port on the back of your Nature's Generator Powerhouse and open the cover.
3. Connect the expansion cable to the Expansion In port.
4. The Expansion (Chain Link) Icon will be illuminated on the LCD display to indicate it is connected. You will experience an increased run time of 100% by adding one Nature's Generator Powerhouse Power Pod, 200% by adding two Nature's Generator Powerhouse Power Pods and 300% by adding three Nature's Generator Powerhouse Power Pods.

## ***How to Maintain and Store Your Nature's Generator Powerhouse***

Turn off the main switch and AC switch when your Nature's Generator Powerhouse is not in use. Recharge your Nature's Generator Powerhouse once every four months and store it in a ventilated, cool and dry location. This keeps the battery healthy and prolongs its life. Failure to maintain Nature's Generator Powerhouse by these steps can result in battery damage which will void the product warranty.

Clean your Nature's Generator Powerhouse with a soft, lint-free cloth. If your Nature's Generator Powerhouse is very dirty, moisten a soft, lint-free cloth in a weak detergent solution, squeeze the excess moisture from the cloth, then wipe Nature's Generator Powerhouse with the cloth, followed by a clean dry cloth to wipe down your Nature's Generator Powerhouse.

## ***Troubleshooting***

### ***My Nature's Generator Powerhouse won't charge when I connect my solar panel to it.***

Please follow these steps.

1. Make sure the solar panels are pointed directly towards the sun. The most efficient power generating position is with solar panels facing south. . The solar panels may produce little or no power if they are positioned in the shade.
2. Check the cable connection on your Nature's Generator Powerhouse and make sure it is properly connected.
3. If the LCD lights up but the battery bar is not running, it means the solar panels do not have high enough voltage to recharge the Nature's Generator Powerhouse or the Nature's Generator Powerhouse has been fully recharged by the solar panels.

### ***My Nature's Generator Powerhouse Power Pod won't charge when I connect my wind turbine to it.***

Please follow these steps.

1. If you are not using Nature's Generator Powerhouse Wind Turbine, make sure the wind turbine has similar characteristics.
2. Make sure there is sufficient wind that spins the wind turbine fast enough. The wind turbine must spin fast enough to generate higher voltage than Nature's Generator Powerhouse Power Pod before the wind turbine can charge Nature's Generator Powerhouse Power Pod.
3. Check the cable connection on your Nature's Generator Powerhouse Power Pod and make sure it is properly connected.
4. If battery level LEDs light up, but are not running, it means the wind turbine does not have high enough voltage to recharge the Nature's Generator Powerhouse Power Pod.

***My AC device(s) are not powering up from my Nature's Generator Powerhouse.***

Please follow these steps:

1. Verify your device is suitable for use with your Nature's Generator Powerhouse. The Nature's Generator Powerhouse Line 1 and 2 outlet works only with 240V AC 30A maximum. (7200 watts). Line 1 or Line 2 outlets work only with 120V AC 30A maximum (3600 watts). Some devices might require grounding before they can be used. Ground Nature's Generator Powerhouse before power this type of devices.
2. Make sure the Main Power Switch is turned on.
3. Check the battery bar. If there are four bars or less, recharge your Nature's Generator Powerhouse. Some AC device draws large amounts of power when starting up. It is recommended to recharge your Nature's Generator Powerhouse full before heavy use.
4. Make sure the AC Output Switch is turned on. The AC outlet light should be green.
5. If LED light is red, please check FUSE icon, Protection icon and protection code(s) on the LCD display.

***My Nature's Generator Powerhouse battery drains fast.***

Please follow these steps.

1. Check the wattage of your AC device(s). Some devices like a hair dryer, microwave or vacuum draw large amounts of power and thus the battery drains fast. Please always monitor the wattage output information on the LCD display.
2. When your AC device is not in use, turn off AC outlets of your Nature's Generator Powerhouse to conserve power. The AC outlets consume a considerable amount of power while being in standby mode.
3. When Nature's Generator is not in use, turn off the Main Power Switch to eliminate unnecessary battery drainage by turning off the LCD display and USB ports.

## ***Technical Specifications***

### ***Battery:***

Type: AGM Sealed Lead Acid

Capacity: 48V 100Ah (4800Wh)

Self-discharge: Recommend to recharge every 4 months

### ***Inverter:***

Output Power: 7200 watt max

Output voltage: 120V/240V Split Phase

Output frequency: 60Hz

Output Sine Wave: Pure sine wave

Output Phase: Split phase

### ***Ports:***

USB Output: QC 3.0

Type-C Output: PD3.0

12V Socket: 10A max

12V Port: 10A max

48V Port: 5A max

Expansion Port: 175A max

### ***Charges:***

AC Charger: 1300W

AC Charger Indicator: red (charging) and green (charged)

Solar Charger: 2000watt

Wind Charger: 1000watt

### ***General:***

Dimensions: Power house : 28 x 18 x 19 inches (720\*466\*473mm)

Power house (with wheels): 28 x 18 x 22 inches (720\*466\*568mm)

Operating temperature: 32-104 °F (0-40 °C)

Storage Temperature: 23–111 °F (-5–45 °C)

Weight: 434 lbs (197 kg)



## ***Limited Warranty***

### ***One Year Limited Warranty***

Natures Generator Inc. warrants to you, the original purchaser of this new product, that the product shall be free of defects in the original manufacture of the material or workmanship for a period of one (1) year from the original date of your purchase of the product ("Warranty Period"). This product must be purchased from an authorized dealer and packaged with this warranty statement. This warranty does not cover refurbished product.

### ***What does this Warranty Cover?***

During the Warranty Period, if the original manufacture of the material or workmanship of the product is determined to be defective by an authorized dealer, Natures Generator Inc. will (at its sole option): (1) repair the product with new or rebuilt parts; or (2) replace the product at no charge with new or rebuilt comparable products or parts. Products and parts replaced under this warranty become the property of Nature's Generator and are not returned to you. If service of products or parts are required after the Warranty Period expires, you must pay all labor and parts charges. This warranty lasts as long as you own your product during the Warranty Period. Warranty coverage terminates if you sell or otherwise transfer the product.

### ***How to Obtain Warranty Service?***

Please call 1-800-975-7909 Monday through Friday, 9:00AM to 5:00PM PST. You will be provided with a Return Merchandise Authorization (RMA) number and return instructions. Send product to:

Natures Generator Inc.  
3130 Paseo Mercado Suite 106  
Oxnard, CA 93036

Please include the RMA number prominently displayed on the shipping box and include your name, phone number and address with the product inside the box.

### ***Where is the Warranty Valid?***

This warranty is valid only to the original purchaser of the product in North America (United States, Canada).

### ***What does the Warranty not Cover?***

This warranty does not cover:

- Cosmetic damage
- Damage due to force majeure, such as lightning strikes, fire, flood, etc..
- Accident
- Misuse
- Abuse
- Negligence
- Commercial use
- Modification of any part of the product
- Damage due to incorrect operation or maintenance
- Connection to an incorrect voltage supply
- Attempted repair by anyone other than a facility authorized by Natures Generator Inc. to service the product
- Products sold as is or with all faults
- Consumables, such as batteries
- Products where the factory applied serial number has been altered or removed

REPAIR REPLACEMENT AS PROVIDED UNDER THIS WARRANTY IS YOUR EXCLUSIVE REMEDY. NATURES GENERATOR INC. SHALL NOT BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR THE BREACH OF ANY EXPRESS OR IMPLIED WARRANTY ON THIS PRODUCT, INCLUDING, BUT NOT LIMITED TO LOST DATA, LOSS OF USE OF YOUR PRODUCT, LOST BUSINESS OR LOST PROFITS. NATURES GENERATOR INC. PRODUCTS MAKES NO OTHER EXPRESS WARRANTIES WITH RESPECT TO THE PRODUCT, ALL EXPRESS AND IMPLIED WARRANTIES FOR THE PRODUCT, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTIES OF AND CONDITIONS OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED IN DURATION TO THE WARRANTY PERIOD SET FORTH ABOVE AND NO WARRANTIES, WHETHER EXPRESS OR IMPLIED, WILL APPLY AFTER THE WARRANTY PERIOD. SOME STATES, PROVINCES AND JURISDICTIONS DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU. THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS, WHICH VARY FROM STATE TO STATE OR PROVINCE TO PROVINCE.

Contact Natures Generator Inc:

For customer service please call 1-800-975-7909

Natures Generator Inc.

3130 Paseo Mercado Suite 106

Oxnard, CA 93036



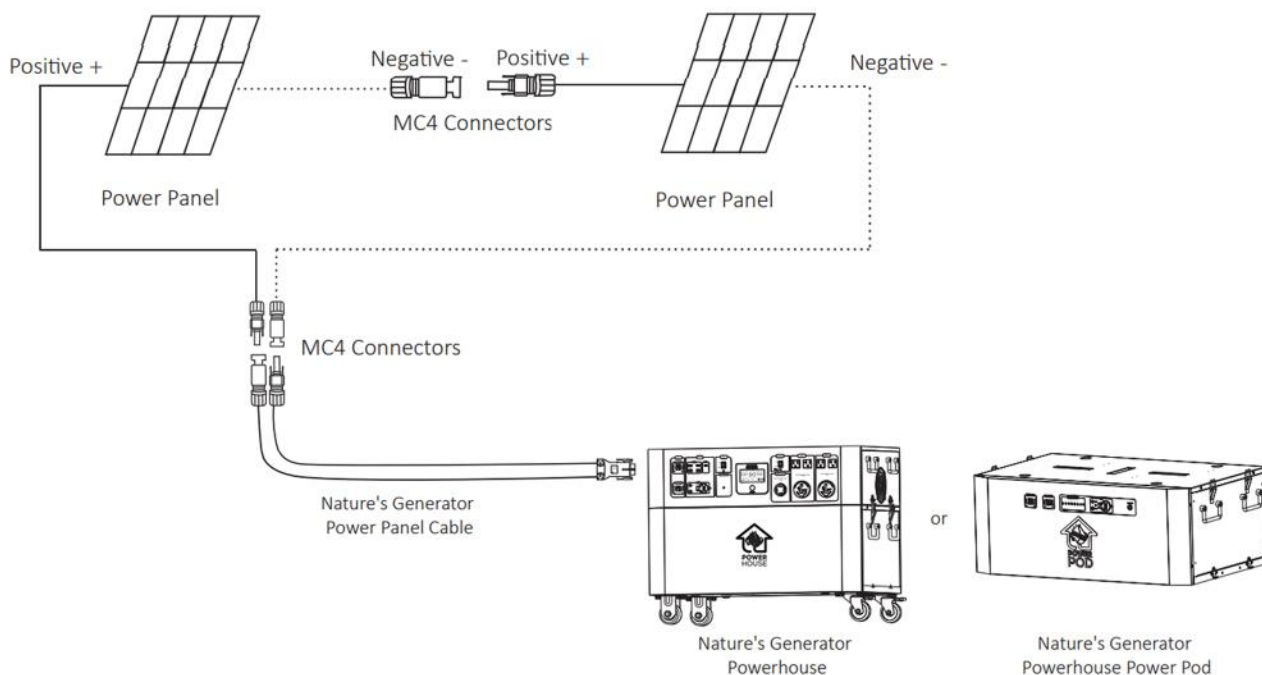


Nature's Generator  
Powerhouse  
Power Panel

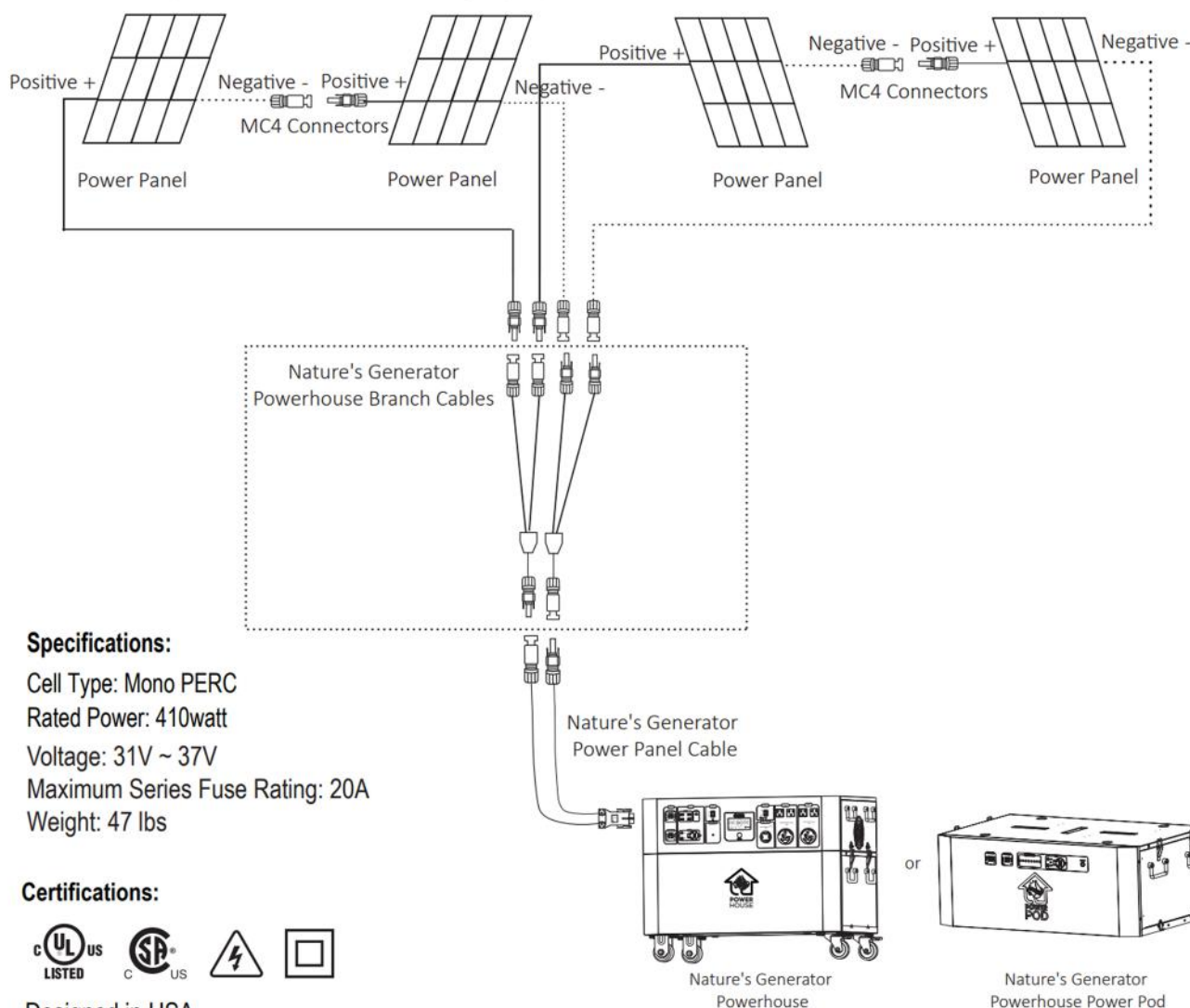
**Natures Generator Inc**

support@naturesgenerator.com

800.975.7909



### Optional: To Double Charging Speed, Use the Parallel Connection Method



#### Specifications:

Cell Type: Mono PERC

Rated Power: 410watt

Voltage: 31V ~ 37V

Maximum Series Fuse Rating: 20A

Weight: 47 lbs

#### Certifications:



Designed in USA

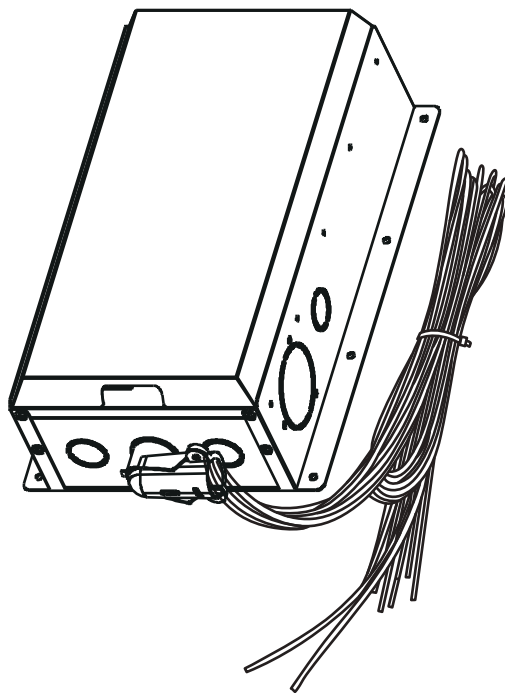
Made in Mexico

#### WARNING

Only qualified personnel should install or perform maintenance work on Nature's Generator Powerhouse Power Panels. Be aware of dangerous high DC voltage when connecting Nature's Generator Powerhouse Power Panels. Do not damage or scratch the surfaces of the Nature's Generator Powerhouse Power Panels.

visit [NaturesGenerator.com](https://www.naturesgenerator.com) for more information

# Nature's Generator Powerhouse Power Transfer Kit User Manual



# Contents

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Upgrade Circuit Breakers.....	1
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Connect Your Power Transfer Switch to Generator .....	8
Use Your Power Transfer Switch .....	9
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## **Welcome**

Congratulations on the purchase of your new Nature's Generator Powerhouse Power Transfer Kit, a state-of-art power transfer kit that links your generator to the existing power circuits in your home's load center.

Please read the instructions below thoroughly prior to any use, then store this manual in a safe place for future reference.

If at any time you have questions about this product, or if you require additional assistance, please do not hesitate to email us at [support@naturesgenerator.com](mailto:support@naturesgenerator.com) or contract our Customer Support line at 800-975-7909

## **Warning!**

**THE POWER TRANSFER KIT MUST BE INSTALLED BY A QUALIFIED ELECTRICIAN IN COMPLIANCE WITH ALL APPLICABLE ELECTRICAL CODES!**

PLEASE DO NOT CONNECT THE APPLIANCES THAT EXCEED THE CAPACITY OF THIS TRANSFER KIT.

IF THE TRANSFER SWITCH IS CONNECTED TO AFCI OR GFCI BRANCH BREAKERS, THE AFCI OR GFCI PROTECTION WILL BE LOST WHEN THE ROCKER SWITCH IN THE TRANSFER SWITCH IS IN THE G POSITION.

## **Upgrade Circuit Breakers**

- This product is supplied with 120V/15-amp and 240V/20-amp circuit breakers as default. All circuit breaker positions can accommodate 15- or 20-amp circuit breakers. The positions 1 and 2 (only these positions) can accommodate 30-amp circuit breakers. To remove a circuit breaker, remove the compartment cover, unscrew the terminal screw in the breaker to be removed, removed the wire, tilt the top of the circuit breaker towards right and lift up and out. Reverse the procedure to install another breaker.

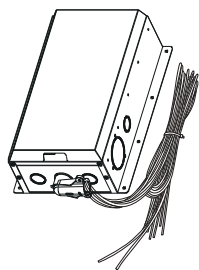
- Use 30-amp circuit breakers in positions 1 and 2 and use 20-amp circuit breakers in all other positions. Rating of a transfer switch circuit breaker should not exceed the rating of the corresponding branch circuit breaker in the load center.

## **Replace Rocker Switches**

- This product includes 2 spare rocker switches. You can replace the rocker switches in position 1 and 2 with the spare rocker switches if you desire to use position 1 and 2 for 120V.

**Unpack your Power Transfer kit**

**1. Power Transfer Switch**



**2. Inlet**



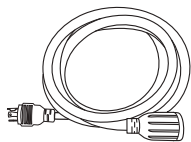
**3. Flexible Conduit**



**4. Cable Clamps**



**5. Power Cord:**



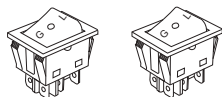
**6. This User Manual**



**7. Mounting Template**



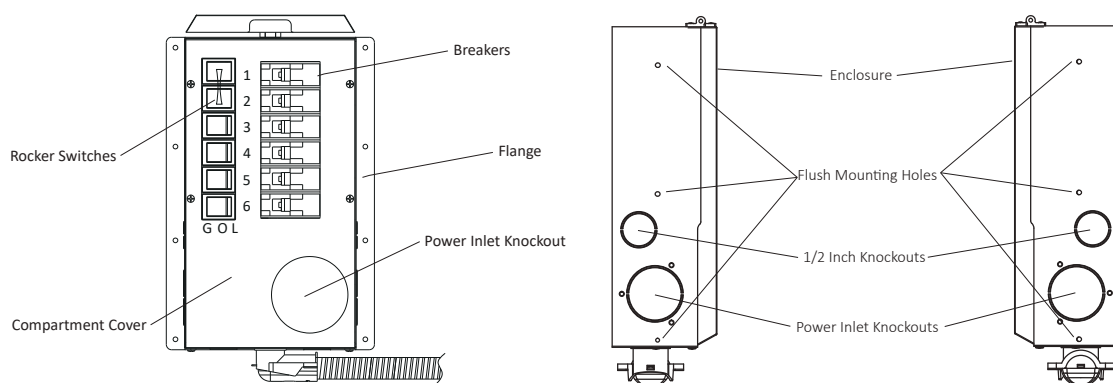
**8. Spare Rocker Switches x2**





## ***Install Your Power Transfer Kit***

### **Key Components of the Transfer Switch**



**Rocker Switches:** These switches allow you to select either G (generator) or L (utility) as the power source for the branch circuits that have been wired through the transfer switch. The O (off) position removes branch circuit from both utility and generator power.

**Breakers:** Each transfer switch circuit has a 1-in interchangeable circuit breaker that protects the branch circuit when the rocker switch is in the G position. In the L position, each branch circuit is protected by the breaker in the load center.

**Power Inlet Knockouts:** The locations to install the power inlet. Once the power inlet is installed, the power cord is plugged into the inlet.

**Compartment Cover:** Remove to install power inlet.

**Flanges:** Mount the power transfer switch on the wall.

**Enclosure:** Powder coated steel.

**Flush Mounting Holes:** Work with flush mounting kit (sold separately) to install the power transfer switch into the wall.

**1/2 Inch Knockouts:** For hardwire installation.

### ***Installation Instructions***

#### ***Get the tools ready.***

The following items (not included) will be needed for installation:

Power drill

Screwdriver

Wire cutters/Stripper

Anchors and screws

Wire connectors

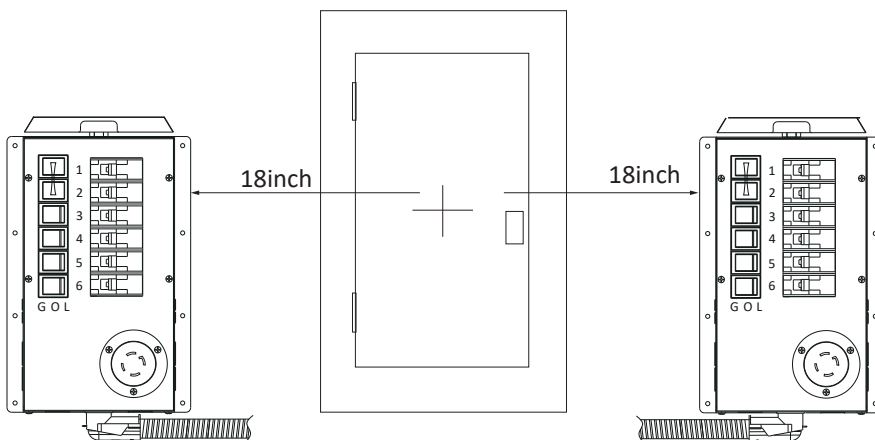
## Install the power inlet.

1. There are three power inlet knockouts on the power transfer switch. Decide which knockout you are going to use to install the power inlet based on the locations of your load center and your power transfer switch and your preference for which direction you want your power cord to connect. Remove that knockout.
2. Remove the six screws (4 screws on the top and 2 screws on the bottom) on the compartment cover and put the screws aside.
3. Lift the compartment cover.
4. Insert the power inlet through the power inlet knockout.
5. Connect black wire (hot) in the power transfer switch to the one copper connector of the power inlet, connect red (hot) in the power transfer switch to the other copper connector of the power inlet, connect the white wire in the power transfer switch to the silver connector of the power inlet and connect the green (ground) wire in the power transfer switch to the green connector of the power inlet.
6. Secure the power inlet to power transfer switch with the included screws.
7. Replace the compartment cover with the screws that were removed in step 2.

## Mount the power transfer switch.

1. Locate your load center.
2. Decide the appropriate location to install the power transfer switch. Make sure it is within 18-inch range from your load center as figure 1 shows.
3. If you prefer to flush mount the power transfer switch, purchase the flush mount kit through [www.naturesgenerator.com](http://www.naturesgenerator.com) or 800-975-7909 before the installation.
4. Mount the power transfer switch by securing the screws to the wall through the holes on the flanges.
5. You may also use the included mounting template to cut a piece of plywood as the supporting board in between the power transfer switch and the wall for additional support.

Figure 1



### **Prepare the load center.**

1. Turn off the main circuit breaker in the load center to ensure your safety.
2. Remove the cover of the load center.
3. Remove an 1-inch knockout on the near side of the load center towards the power transfer switch.
4. Cut the flexible conduit to the length you desire. Insert the wires from the power transfer switch through the flexible conduit and connect the other end of the flexible conduit to the knockout. Secure the flexible conduit with the cable clamps provided.
5. Do not attempt to bend the flexible conduit beyond its structural capabilities.



**Warning:** Verify the condition of power source prior to manually transferring. Manual operation may result in out-of-phase transfer when both sources are energized.

**Warning:** Do not start the generator until all connectors are connected or made to be inaccessible. Any terminal may be energized when any cable is connected. De-energize cables at the generator prior to connecting or removing any connectors.

**Caution:** This switch will not transfer if overcurrent device opens due to fault.

**Caution:** Manual Transfer Switch – This device will not automatically transfer to an alternative source.

**Danger:** Risk of electric shock.

**Danger:** Any Terminal may be energized when any cable is connected. De-energize cables at the generator prior to opening the cover.

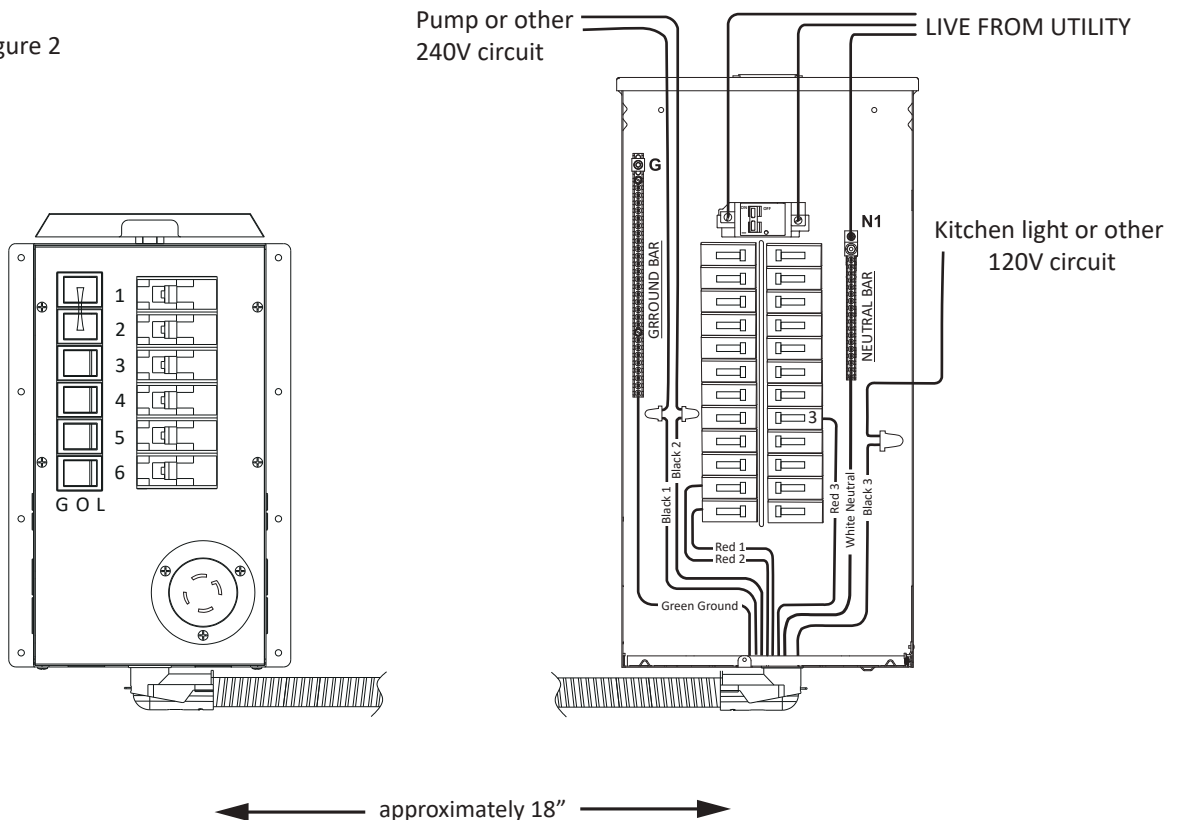
**Danger:** Risk of electric shock. For use only for connection of a portable generator to the source terminals of a transfer switch, such that the inlets are only energized from the generator.

## Installing 120V Circuits

Establish which lines will be the most critical to you in the time of a power outage. For example, let's assume that switch 3 will be designated to supply power to the kitchen lights.

1. Turn off the corresponding kitchen light circuit breaker. Undo the screw that secures the wire to the circuit breaker. Then disconnect the wire from the circuit breaker.
2. On the transfer switch, find the wires marked with the number 3, there should be one black and one red.
3. As figure 2 shows, feed the red 3 wire into the kitchen light breaker. Strip approximately 5/8" off from the end of the wire, connect the stripped red wire to the kitchen light circuit breaker and tighten the screw.
4. Cut the black 3 wire to a similar length for aligning with the wire removed from the kitchen light circuit breaker in step 1 above. Strip approximately 5/8" from the end of the black wire. Connect black 3 wire and the wire that was removed from the circuit breaker in step 1 by twisting a wire nut.
5. This completes the installation of the transfer switch for backup power to your kitchen light. Repeat steps 1-6 for each of the remaining circuit.

Figure 2



### ***Installing 240V Circuits***

Establish which 240V lines will be the most critical to you in the time of a power outage. For example, let's assume that switch 1 and switch 2 will be designated to supply power to the pump.

1. Turn off the corresponding pump circuit breakers. Undo the screws that secure the wires to the circuit breakers. Then disconnect the wires from the circuit breakers.
2. On the transfer switch, find the wires marked with the number 1 and number 2, Each number shall have one black wire and one red wire.
3. As figure 2 shows, feed both red wires into the pump breakers. Strip approximately 5/8" off from the end of the wire, connect the stripped red wire to the pump circuit breaker and tighten the screws.
4. Cut both black wires to a similar length for aligning with the wires removed from the pump circuit breaker in step 1 above. Strip approximately 5/8" from the end of the black wires. Connect black wires and the wires that were removed from the circuit breakers in step 1 by twisting wire nuts.
5. This completes the installation of the transfer switch for backup on your pump. Repeat steps 1-6 for each of the remaining circuit.

### ***Completing the Installation***

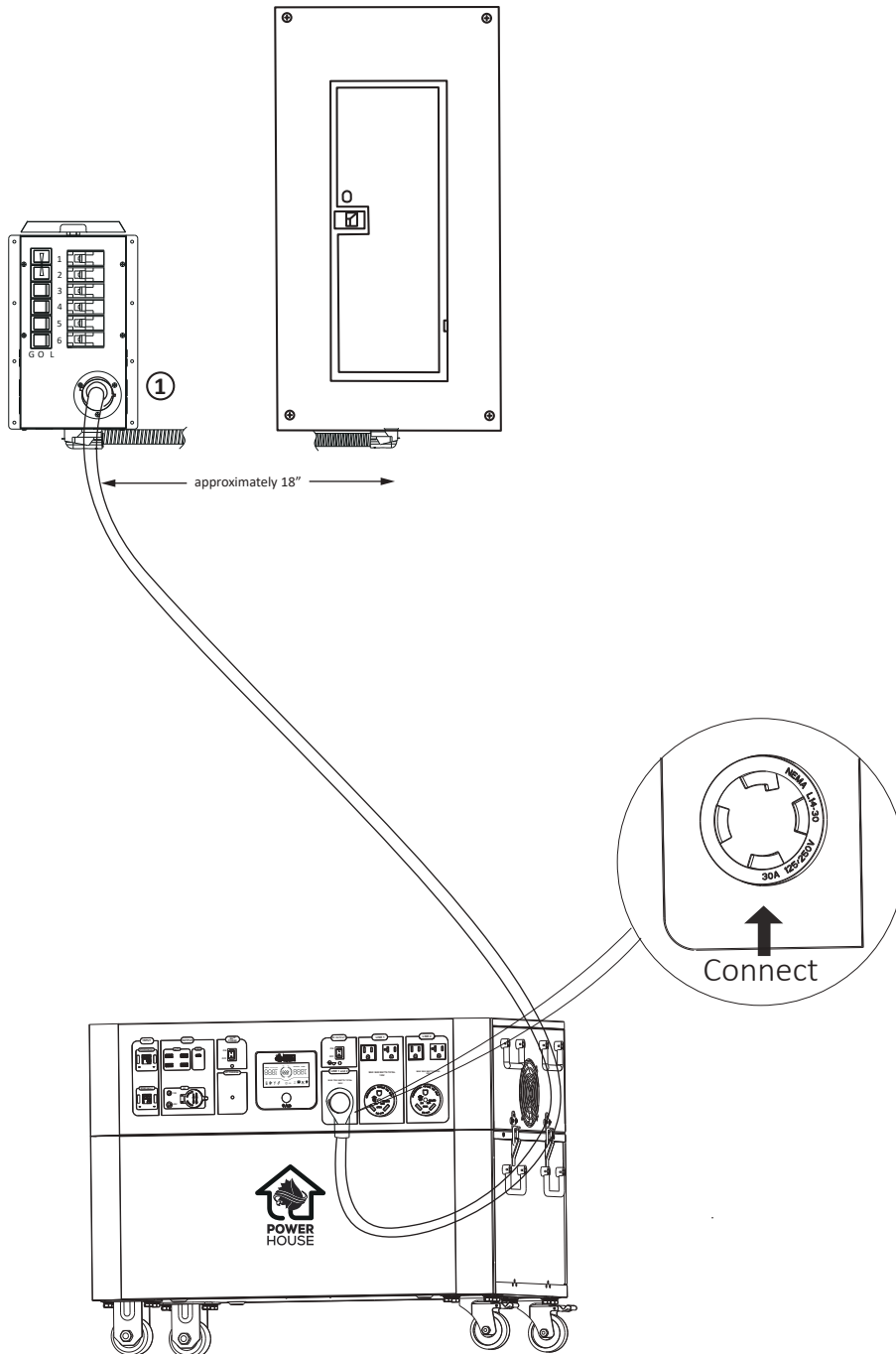
When you have wired all the load circuits in the transfer switch, only the white neutral wire and the green ground wire remain.

1. Insert the white neutral wire into an unused opening in the neutral bar in the load center and tighten the screw (Figure 2).
2. Insert the green ground wire into an unused opening in the ground bar, if existing, and tighten the screw. If no ground bar exists, insert the green wire into an unused hole in the neutral bar and tighten the screw.
3. Replace the cover to the load center.
4. Fill in the chart on the transfer switch to identify your emergency circuits and corresponding circuit numbers in the load center.
5. Return all load center branch circuits and main breakers to the "ON" position.
6. Move all rocker switches on the transfer switch to the "L" position. Installation is now complete.

## Connect Your Power Transfer Switch to Generator

Once the Power Transfer Switch has been successfully installed, you can now connect your Power Transfer Switch to your Generator by using the included power cord. The steps below are using Nature's Generator Elite as an example.

1. Fit the female connector of the included power cord into the power inlet of your Power Transfer Switch. Turn the connector clockwise to secure the connection for Elite model.
2. Insert the male connector of the included power cord into the AC outlet on the generator.

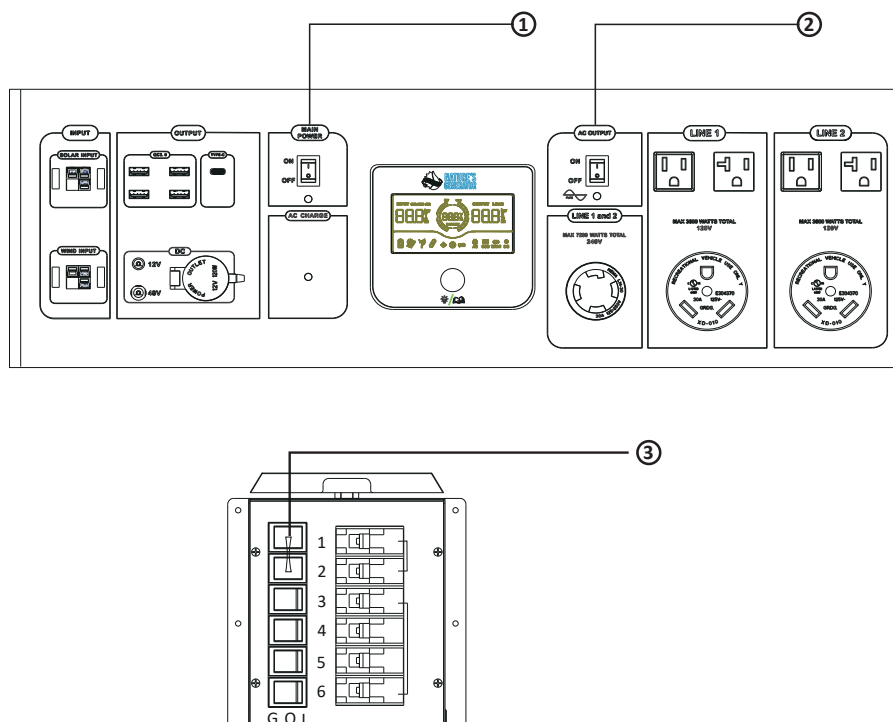


## Use the Power Transfer Switch

Once you've connected the Power Transfer Switch to the Nature's Generator Powerhouse, now when there is no utility power, you are still able to power your most important electrical items.

When you experience power loss simply follow these steps to continue powering your items:

1. Turn the Nature's Generator Powerhouse Main Power Switch to ON (The LCD screen will turn on).
2. Turn the Nature's Generator Powerhouse AC Switch to ON (The AC output light will turn green).
3. Select the rocker switches of the circuits that you want your Nature's Generator Powerhouse to power and move their positions from L to G. Rocker switches will light up and are ready to use.
4. Make sure the breakers in Power Transfer Switch are in ON position. You are now ready to go!



When your power is restored:

1. Move the position of the toggle switches from G to L.
2. Turn the Nature's Generator AC Switch to OFF (The AC output light will turn off).
3. Turn the Nature's Generator Main Power Switch to OFF (The LCD screen will turn off).

## FAQ

*Where shall I install the Power Transfer Kit?*

The conduit is approximately 18 inch long with the clamps. It is recommended to install it in a close area to your load center.

*Can I use the Power Transfer Kit and Nature's Generator to back up 240V?*

Yes. It works on both 120V and 240V.

*What happens when the utility power is restored?*

When your utility power is restored, other lights and appliances on the circuits that are not connected to Power Transfer Switch will turn on. To transfer the circuits on the generator to utility power, flip the rocker switches back to the L position and shut down your Nature's Generator Powerhouse.

*Will the surge damage my Nature's Generator when the utility power is restored?*

No. The circuits that are connected to Power Transfer Switch are isolated from the utility power. There is no danger of back feeding the utility power.

*What will I be able to power?*

Runtimes with the Power Transfer Kit are dependent on the combined loading of connected circuits and the number of the Power Pods that are connected to the Nature's Generator Powerhouse.

*Can I use it off the grid like in cabin or RV?*

Yes. If it is always powered by your Nature's Generator, please keep the toggle switch on your Power Transfer Switch to the G position.

*Can the Power Transfer Kit recharge my Nature's Generator Powerhouse?*

No. The Power Transfer Kit cannot recharge your Nature's Generator Powerhouse. Your Nature's Generator Powerhouse must be recharged through standard AC outlet, Nature's Generator Powerhouse Power Panel or Nature's Generator Powerhouse Wind Turbine.

*Can the Power Transfer Kit work with other Generators?*

Yes. It works with other battery powered generators. It can work with gasoline powered generator, but it will require an outdoor inlet to work with this power transfer kit.

*Why is my load center triggered to shutdown when I charge my Nature's Generator Powerhouse?*

It is possibly because you are charging your Nature's Generator Powerhouse while using the power transfer switch. Do not charge Nature's Generator Powerhouse from the load center that the power transfer switch backs up.



## ***Specifications***

### ***Power Capacity:***

7500 watts

### ***Number of Circuits:***

6 circuits

### ***Voltage:***

120 volts or 240 volts (split phase)

### ***Conduit Length***

18 inches

### ***Conduit Diameter***

1 inch

### ***Dimensions***

9.1 inch x 13.7 inch x 3.9 inch (23.0 cm x 34.7 cm x 9.8 cm)

### ***Weight:***

10.1 lbs (4.6 Kg)

## ***Limited Warranty***

### ***One Year Limited Warranty***

Natures Generator Inc. warrants to you, the original purchaser of this new product, that the product shall be free of defects in the original manufacture of the material or workmanship for a period of one (1) year from the original date of your purchase of the product ("Warranty Period"). This product must be purchased from an authorized dealer and packaged with this warranty statement. This warranty does not cover refurbished product.

### ***What does this Warranty Cover?***

During the Warranty Period, if the original manufacture of the material or workmanship of the product is determined to be defective by an authorized dealer, Natures Generator, Inc. will (at its sole option):

- (1) repair the product with new or rebuilt parts;  
or
- (2) replace the product at no charge with new or rebuilt comparable products or parts.

Products and parts replaced under this warranty become the property of Nature's Generator and are not returned to you. If service of products or parts are required after the Warranty Period expires, you must pay all labor and parts charges. This warranty lasts as long as you own your product during the Warranty Period. Warranty coverage terminates if you sell or otherwise transfer the product.

### ***How to Obtain Warranty Service?***

Please call 1-800-975-7909 Monday through Friday, 9:00AM to 5:00PM PST. You will be provided with a Return Merchandise Authorization (RMA) number and return instructions. Send product to:

Natures Generator Inc  
3130 Paseo Mercado Suite 106  
Oxnard, CA 93036

Please include the RMA number prominently displayed on the shipping box and include your name, phone number and address with the product inside the box.

### ***Where is the Warranty Valid?***

This warranty is valid only to the original purchaser of the product in United States.

### ***What our Warranty does not Cover?***

This warranty does not cover:

- Cosmetic damage
- Damage due to acts of God, such as lightning strikes
- Accident
- Misuse
- Abuse
- Negligence
- Commercial use
- Modification of any part of the product
- Damage due to incorrect operation or maintenance
- Connection to an incorrect voltage supply
- Attempted repair by anyone other than a facility authorized by Natures Generator, Inc. to service the product
- Products sold as is or with all faults
- Consumables, such as batteries
- Products where the factory applied serial number has been altered or removed

REPAIR REPLACEMENT AS PROVIDED UNDER THIS WARRANTY IS YOUR EXCLUSIVE REMEDY. NATURES GENERATOR INC. SHALL NOT BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR THE BREACH OF ANY EXPRESS OR IMPLIED WARRANTY ON THIS PRODUCT, INCLUDING, BUT NOT LIMITED TO LOST DATA, LOSS OF USE OF YOUR PRODUCT, LOST BUSINESS OR LOST PROFITS. NATURES GENERATOR, INC. PRODUCTS MAKES NO OTHER EXPRESS WARRANTIES WITH RESPECT TO THE PRODUCT, ALL EXPRESS AND IMPLIED WARRANTIES FOR THE PRODUCT, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTIES OF AND CONDITIONS OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED IN DURATION TO THE WARRANTY PERIOD SET FORTH ABOVE AND NO WARRANTIES, WHETHER EXPRESS OR IMPLIED, WILL APPLY AFTER THE WARRANTY PERIOD. SOME STATES, PROVINCES AND JURISDICTIONS DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU. THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS, WHICH VARY FROM STATE TO STATE OR PROVINCE TO PROVINCE.

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