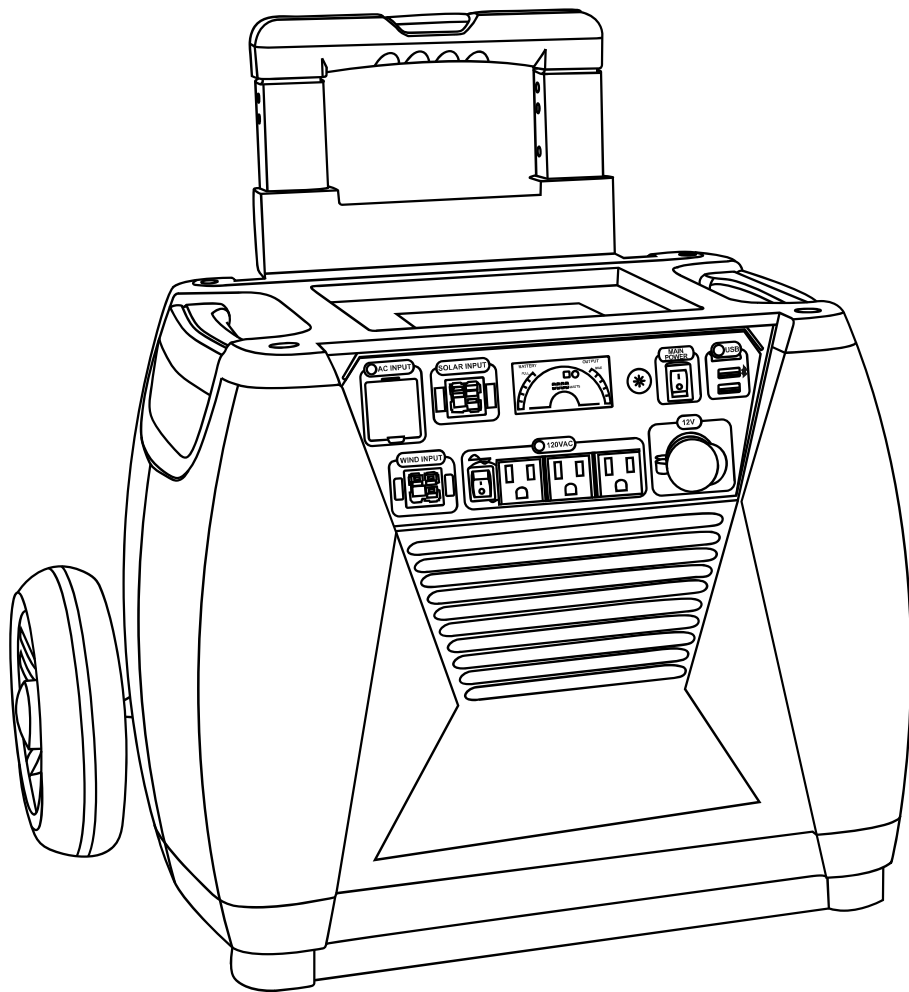


# Nature's Generator

## User Manual



# Nature's Generator

## The Nature's Smartest, Infinitely Expandable Generator System

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## ***Important Safety Instructions***

1. Read these instructions.
2. Keep these instructions.
3. Take care 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 specified by the manufacturer.
9. Use only with the cart specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
10. Refer all servicing to qualified service personnel. Servicing is required when the apparatus 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 apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
11. The apparatus should not be exposed to dripping or splashing, and no objects filled with liquids, such as vases, should be placed on the apparatus.

## ***Warning***

### ***Electric shock hazard***

Keep away from children. Nature's Generator 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 Outlet or the ventilation holes.

### ***Explosion hazard***

Do not burn or incinerate this item. This item may explode, causing personal injury or damage. 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 has a sealed lead acid battery, which can present a risk of burn 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.

### ***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 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.

### ***Caution***

#### ***Damage requiring service***

Stop using the Nature's Generator 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.
- If your Nature's Generator has been exposed to rain or water.
- If your Nature's Generator has been dropped or damaged in any way.
- When your Nature's Generator exhibits a distinct change in performance.

### ***Cold weather***

Cold temperatures can impact Nature's Generator performance. If you'll be living below freezing, we recommend keeping your Nature's Generator in an insulated location and connected to a solar panel.

### ***End of life directives***

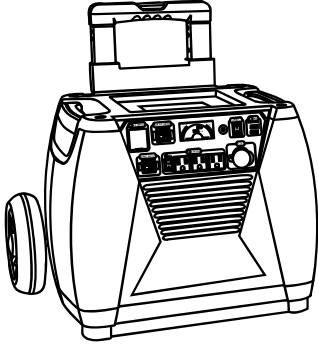
Your Nature's Generator may contain materials that are regulated for environmental reasons. Your Nature's Generator also contains materials that can be recycled and reused. To help protect the environment, contact your local authorities for information about disposal or recycling and about finding a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

## **Introduction**

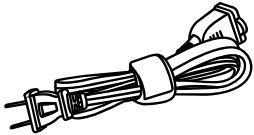
Congratulations on your new Nature's Generator, a state-of-art generator that provides reliable power for emergencies, off grid living, or wherever power is needed. With Nature's Generator app NaturesPulse, you can proactively diagnose the system, track the usage and communicate the issues.

## **Unpack Your Nature's Generator**

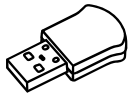
1. Nature's Generator



2. AC Power Cord (In the storage compartment)



3. Nature's Generator Smart Key

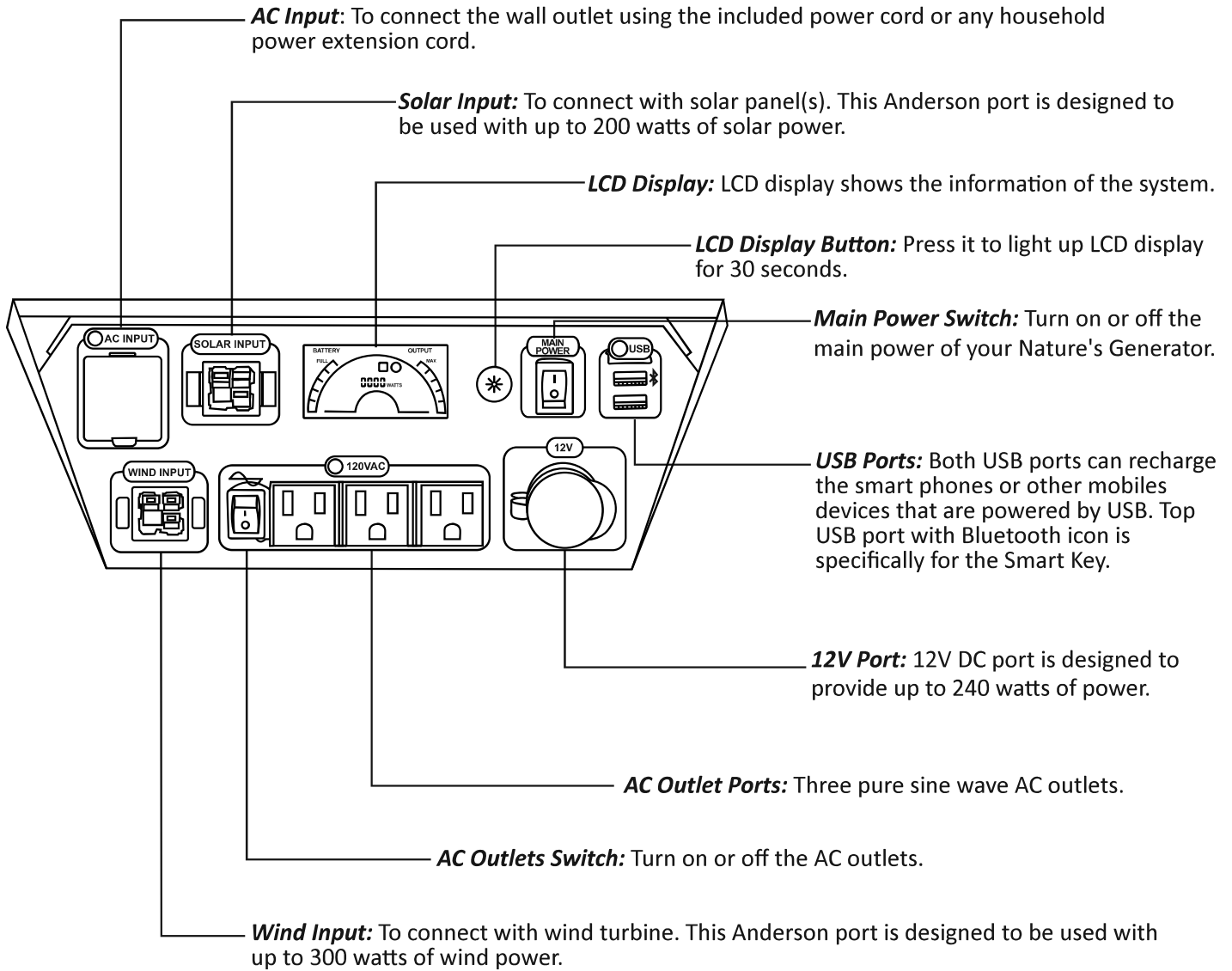


4. This user guide



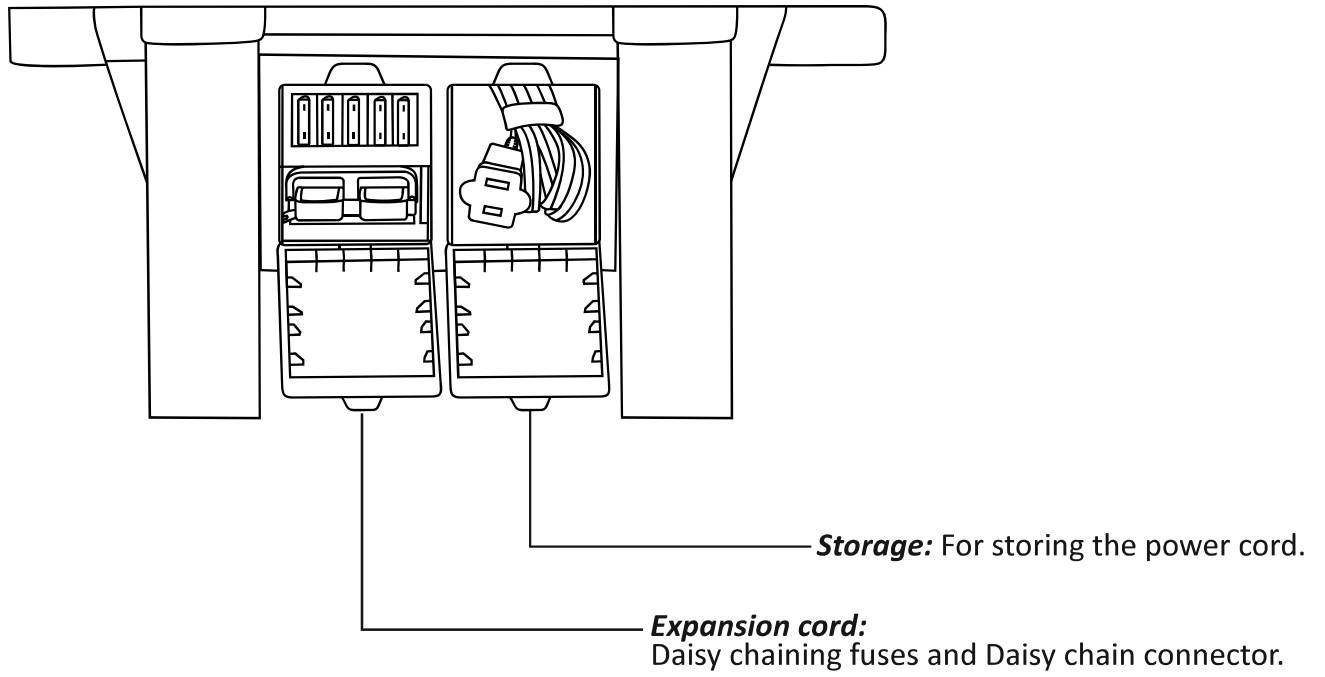
# Get to Know Your Nature's Generator

## Front Panel



Visit [Naturesgenerator.com](http://Naturesgenerator.com) for More Information

**Back Panel**



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

### ***How to Recharge Your Nature's Generator***

#### ***Recharging from Solar***

1. Place your solar panel where it will get as much direct sunlight as possible. While direct sunlight is always preferred, solar panels should be connected at all times to provide a consistent trickle charge to your battery. Solar panels will also send a charge to your unit while in hazy or overcast skies.
2. Insert solar panel plug into Solar Input port on the front of Nature's Generator. You will know it is recharging when LCD display lights up, solar panel icon is illuminated and battery bar starts running. The battery bar stops running when the battery is full or there is not enough power from solar panel.
3. It takes about 10 to 15 hours to recharge Nature's Generator if using 100 watt solar panel, depending on the strength of the sunlight.
4. To increase the recharging speed, you can chain multiple solar panel in parallel connection. The Solar Input port can handle up to 200 watt solar panel. Visit [Naturesgenerator.com](http://Naturesgenerator.com) for information on purchasing additional solar panels.

#### ***Recharging from Wind***

1. Place your wind turbine where it will get as much wind as possible.
2. Insert wind turbine plug into wind Input port on the front of Nature's Generator. You will know it is recharging when LCD display lights up, wind turbine icon is illuminated and battery bar starts running. The battery bar stops running when the battery is full or there is not enough power from wind turbine.
3. The recharging speed depends on wind turbine power rating and the strength of the wind. The wind input port can handle up to 300 watt wind turbine. Visit [Naturesgenerator.com](http://Naturesgenerator.com) for more information about wind turbine.

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

1. Locate the power cord in the storage compartment on the back of the Nature's Generator.
2. Insert the power cord to the AC Input Port of the Nature's Generator.
3. Plug the other end of power cord to the wall outlet. You will know it is recharging when LCD display lights up, AC input icon is illuminated and battery bar starts running. The battery bar stops running when the battery is full.

#### ***Recharging from the Car***

You can use DC extension cord (not included in the box) to recharge the Nature's Generator by using 12C DC port. This method is not recommended because it recharges much slower and the LCD display doesn't light up.

**Visit [Naturesgenerator.com](http://Naturesgenerator.com) for More Information**



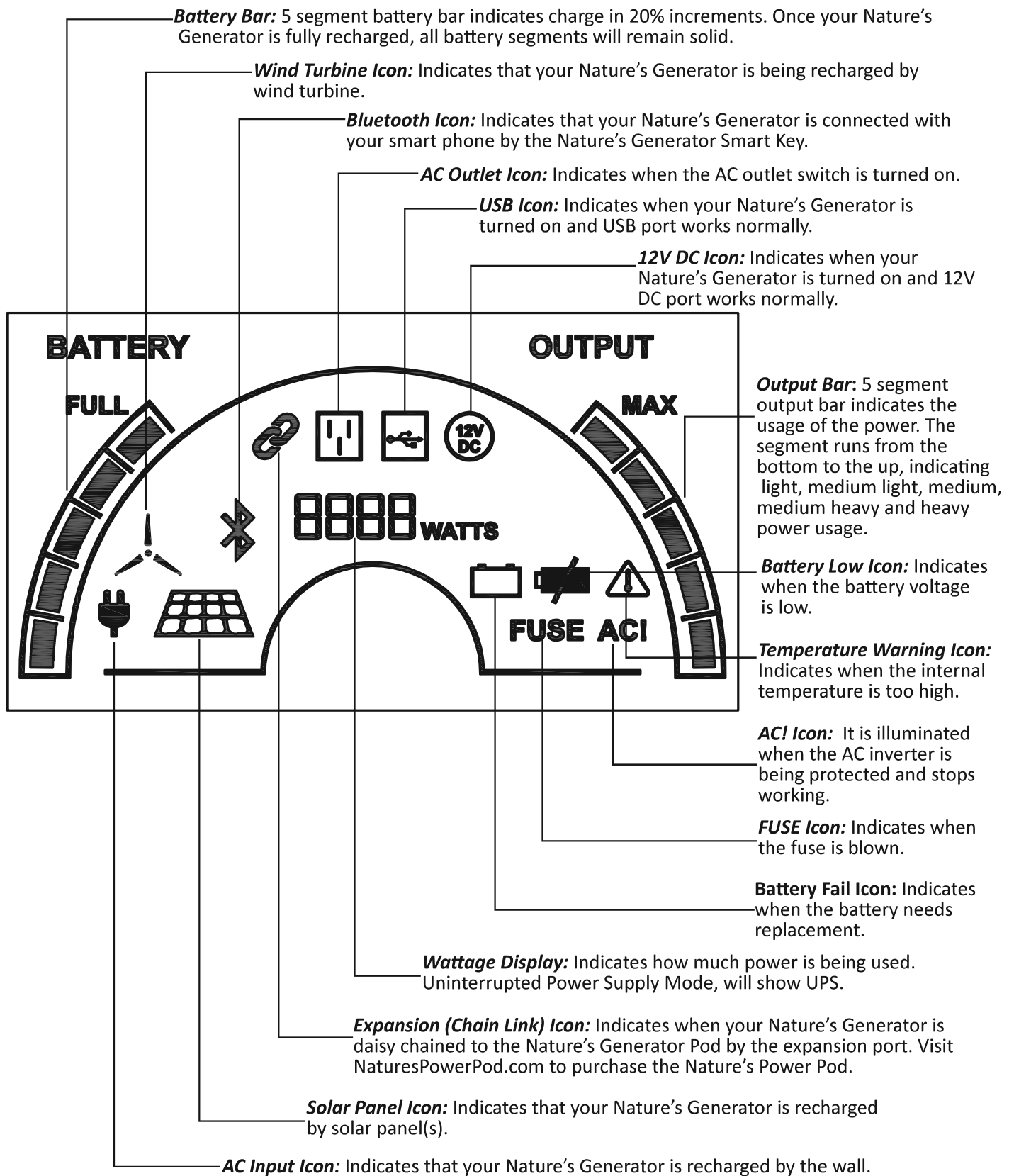
## ***How to Use Your Nature's Generator***

1. Press the Main Power Switch to turn on your Nature's Generator. USB port will be on automatically when Main Power Switch is on.
2. Press the AC Outlet Switch to turn on the AC outlets. When not using AC outlets, make sure to turn off AC outlet switch to conserve power.
3. You'll know the port is turned on when the icon is illuminated on LCD display.
4. Plug in any of your device for power.

## ***Uninterrupted Power Supply (UPS) Mode***

1. You can recharge your Nature's Generator and recharge your devices at the same time.
2. If you recharge your Nature's Generator at the same time when you power your AC devices from AC Outlet Ports, your Nature's Generator turns into Uninterrupted Power Supply (UPS) Mode. Your AC devices will receive power directly from the AC outlet. If power goes out, your Nature's Generator will instantly kick on supplying the power for your AC devices.
3. LCD display shows UPS when it is in UPS mode.

## How to Read the LCD Display



Visit [Naturesgenerator.com](http://Naturesgenerator.com) for More Information

## ***How to Use Your Nature's Generator Smart Key***

1. Turn on the main power of your Nature's Generator.
2. Plug your Nature's Generator Smart Key to the top USB port with Bluetooth icon on its right side.
3. If you have not already done so, click App Store on your iPhone or Play Store on your Android Phone.
4. Search "NaturesPulse" app and install it.
5. After the app is installed, please follow the instructions on the app to register your account before you can log into the home page.
6. Press "Connect" button on the home page. The App will search for the Nature's Generator Smart Key and find your Nature's Generator.
7. After it is connected, you can start enjoying the smart features like system diagnosis, history tracking and many more features.

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

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

1. Open the top cover of the Nature's Power Pod, locate the expansion cable, and run the expansion cable out of Nature's Power Pod through the opening on the back of the Pod.
2. Locate Expansion Port on the back of your Nature's Generator and open the rubber cover.
3. Connect the expansion cable to the expansion port.
4. The Expansion (Chain Link) Icon will be illuminated to indicate it is connected.

You will experience an increased run time of approximately 167% by adding one Nature's Power Pod, approximately 333% by adding two Nature's Power Pods and 500% by adding three Nature's Power Pods.

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

Please recharge your Nature's Generator once every four months and store in a ventilated, cool and dry location. If possible, please connect your Nature's Generator to a power source, like wall outlet, solar panel or wind turbine while in storage to top off the battery voltage. This keeps battery healthy and prolongs its life. Failure to maintain Nature's Generator by these steps can result in battery damage which will void the product warranty.

Please clean your Nature's Generator with a soft, lint-free cloth. If your Nature's Generator is especially dirty, moisten a soft, lint-free cloth in a weak detergent solution, squeeze the excess moisture from the cloth, then wipe the cabinet with the cloth. Use a clean cloth to dry your Nature's Generator.

## ***Troubleshooting***

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

Please follow these steps.

1. Make sure the solar panel is pointed directly toward the sun. It is preferred to position the solar panel face the south. The solar panel may produce little or no power if it is positioned in shade.
2. Check the cable connection on Nature's Generator and make sure it fits tightly.
3. If the LCD lights up, but the battery bar is not running. It means Nature's Generator is being fully recharged by the solar panel or solar panel does not have high enough voltage to recharge the Nature's Generator.

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

Please follow these steps:

1. Verify your device is suitable for use with your Nature's Generator. The Nature's Generator AC outputs work only with 120V AC and up to 1800 watts on three outlets combined.
2. Make sure the Main Switch is turned on.
3. Check the battery bar. If there are only three bars or less, recharge your Nature's Generator. Some AC devices pull big power and it is recommended to recharge your Nature's Generator full before heavy use.
4. Make sure the AC outlet switch is turned on. The LED light should be green.
5. If LED light is red, please check the failure icons on the LCD display.
  - a. Battery Fail Icon: replace your battery.
  - b. Battery Low Icon: recharge your battery before use.
  - c. Temperature Warning Icon: The internal temperature is too high. Please let it cool down before use.
  - d. FUSE Icon: Replace the fuses.
  - e. AC! Icon: The AC inverter is being protected. Unplug your AC device, turn off AC outlet switch and back on to try it again.

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

Please follow these steps.

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

Visit [Naturesgenerator.com](http://Naturesgenerator.com) for More Information

## ***Technical Specifications***

### ***Battery:***

Type: AGM Sealed Lead Acid

Capacity: 60Ah (720Wh)

Self-discharge: Recommend to recharge every 4 months

### ***Inverter:***

Output Power: 1800watt max

Output wave form: pure sine wave

Output voltage: 120V

Output frequency: 60Hz

### ***Ports:***

USB Port: 5V, up to 3A (15W)

12V DC Port: up to 20A (240W max)

Expansion Port: 200A fuse

### ***Charges:***

AC Charger: 90W

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

Solar Charger: 200watt

Wind Charger: 300watt

### ***General:***

Dimensions: 18 x 12 x 15 in (47 x 30 x 38 cm) without cart

23 x 17 x 22 in ( 57 x 42 x 55 cm) with cart

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

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

Weight: 83 lbs.

## ***Limited Warranty***

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

Huntkey USA 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, Huntkey USA 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 1-805-383-0003 Monday through Friday, 8:30AM to 4:30PM PST. You will be provided with a Return Merchandise Authorization (RMA) number and return instructions. Send product to:

Huntkey USA, Inc.  
735 W Ventura Blvd., Suite B  
Camarillo, CA 93010

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 and Mexico).

Visit [Naturesgenerator.com](http://Naturesgenerator.com) for More Information

***What does the Warranty 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 Huntkey USA 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. HUNTKEY USA 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. HUNTKEY USA 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 Huntkey USA Inc:

For customer service please call 1-805-383-0003

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735 W Ventura Blvd., Suite B

Camarillo, CA 93010

