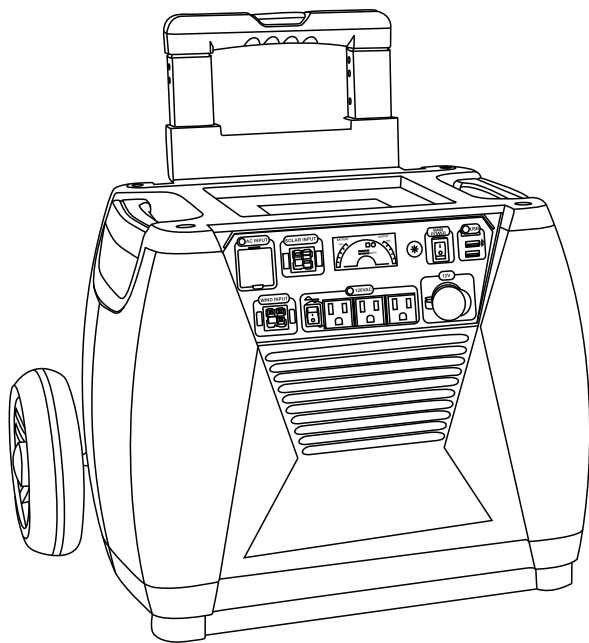


Nature's Generator

User Manual



Nature's Generator

The Nature's Smartest, Infinitely Expandable Generator System

Contents

Important Safety Instructions.....	1
- Warning	1
- Caution.....	2
Introduction.....	3
- Unpack Your Nature's Generator.....	3
- Get to Know Your Nature's Generator.....	4
Using Your Nature's Generator	6
- How to Recharge Your Nature's Generator.....	6
- How to Use Your Nature's Generator.....	7
- How to Read the LCD Display	8
- How to Use Your Nature's Generator Smart Key	9
- How to Expand the Capacity of Your Nature's Generator	9
- How to Maintain and Store Your Nature's Generator	9
Troubleshooting	10
Technical Specifications	11
Limited Warranty.....	12

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

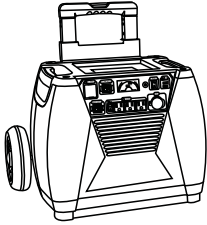
Your Nature's Generator may contain materials that are regulated for environmental reasons. Your Nature's Generator also contains materials that can be recycled and reused. To help protect the environment, contact your local authorities for information about disposal or recycling and about finding a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

Introduction

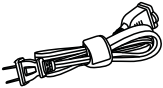
Congratulations on your new Nature's Generator, a state-of-art generator that provides reliable power for emergencies, off grid living, or wherever power is needed. With Nature's Generator app NaturesPulse, you can proactively diagnose the system, track the usage and communicate the issues.

Unpack Your Nature's Generator

1. Nature's Generator



2. AC Power Cord (In the storage compartment)



3. Nature's Generator Smart Key

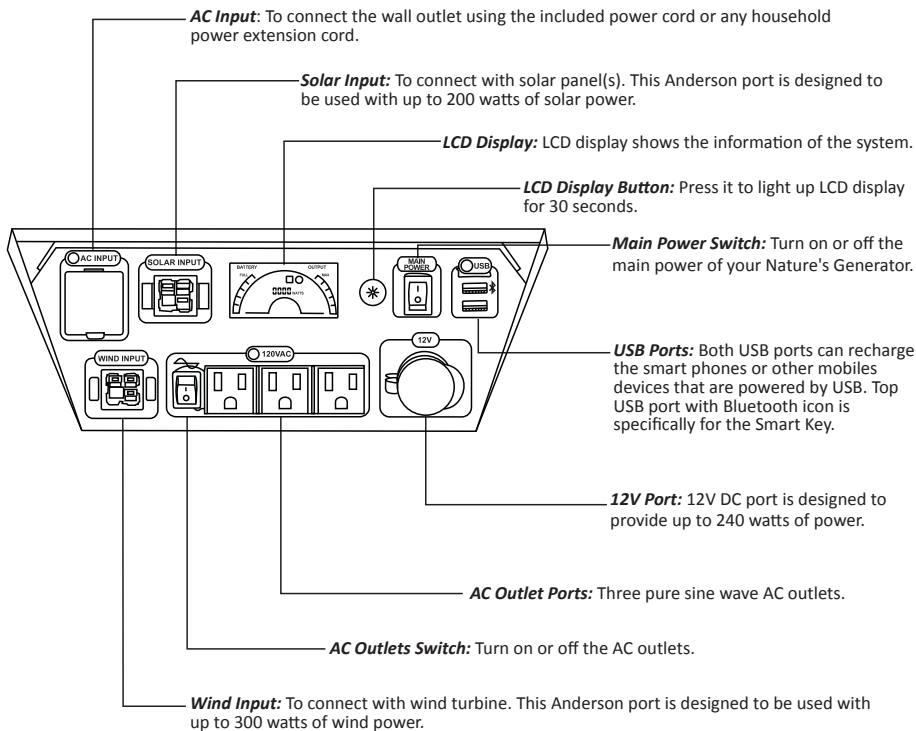


4. This user guide



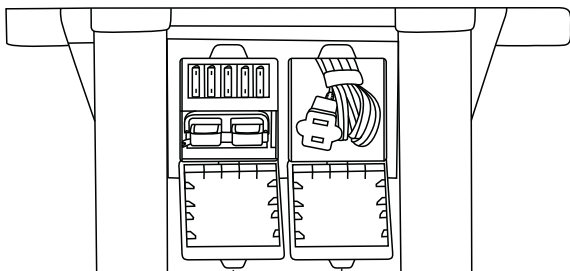
Get to Know Your Nature's Generator

Front Panel



Visit Naturesgenerator.com for More Information

Back Panel



Storage: For storing the power cord.

Expansion cord:
Daisy chaining fuses and Daisy chain connector.

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 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 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 for More Information

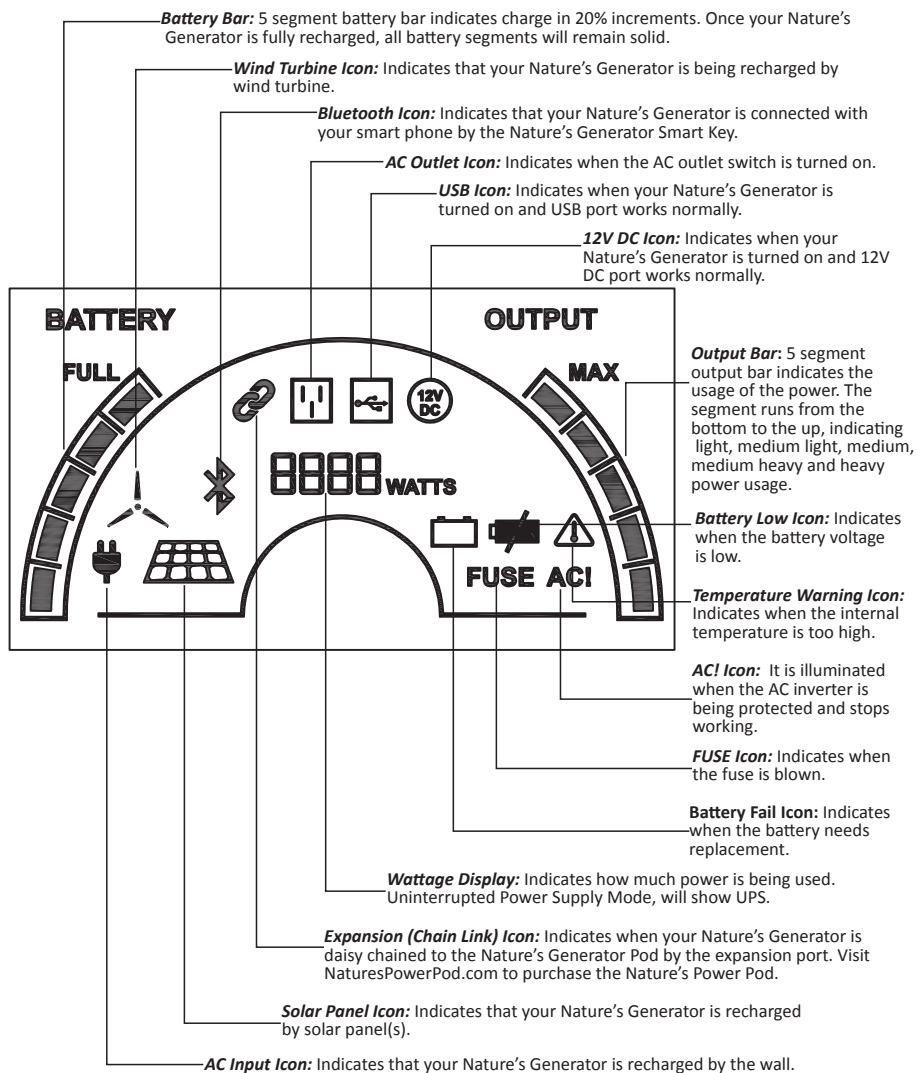
How to Use Your Nature's Generator

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 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 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 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 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

Huntkey USA, Inc.

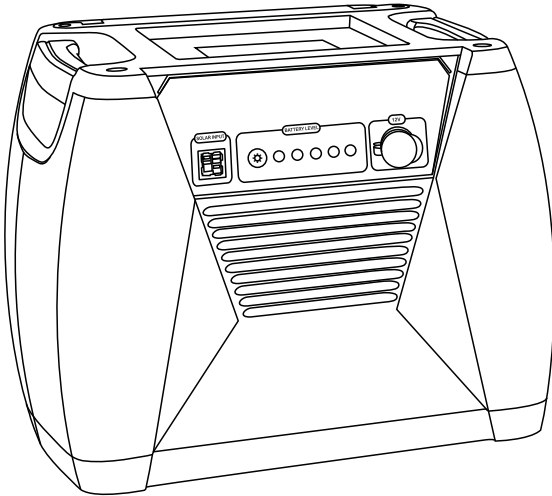
735 W Ventura Blvd., Suite B

Camarillo, CA 93010



Nature's Power Pod

User Manual



Nature's Power Pod

Contents

Important Safety Instructions	1
- Warning	1
- Caution	2
Introduction	3
- Unpack Your Nature's Power Pod	3
- Get to Know Your Nature's Power Pod	4
Using Your Nature's Power Pod	6
- How to Recharge Your Nature's Power Pod	6
- How to Install Your Nature's Power Pod on Top of Nature's Generator	7
- How to Connect Your Nature's Power Pod to Nature's Generator	14
- How to Maintain and Store Your Nature's Power Pod	14
Troubleshooting	15
Technical Specifications	16
Limited Warranty	17

Important Safety Instructions

1. Read these instructions.
2. Keep these instructions.
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 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

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.

Energy and burn hazard

Nature's Power Pod 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 Power Pod 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 Power Pod and refer servicing to qualified service personnel under the following conditions:

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

Cold weather

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

End of life directives

Your Nature's Power Pod may contain materials that are regulated for environmental reasons. Your Nature's Power Pod 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 Power Pod.

Introduction

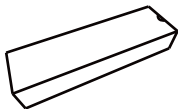
Congratulations on your new Nature's Power Pod, a great expansion to your Nature's Generator.

Unpack Your Nature's Power Pod

1. Nature's Power Pod



2. Accessory Box

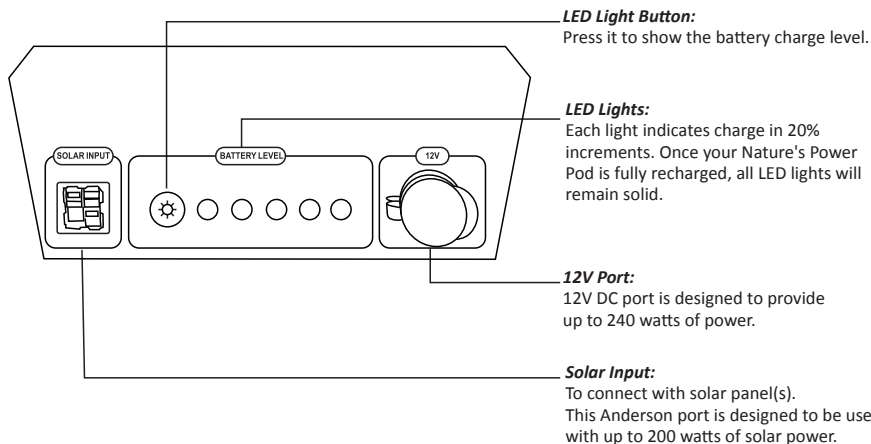


3. This user guide

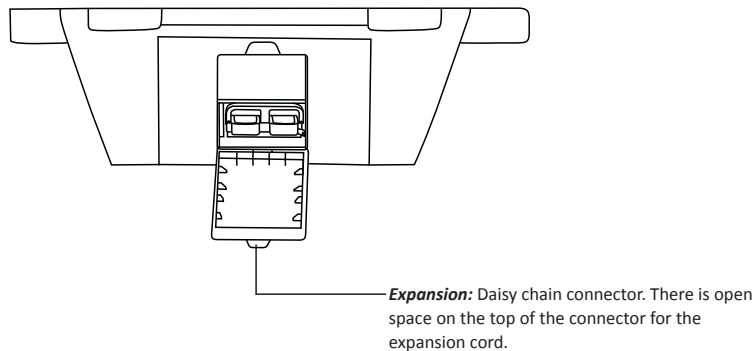


Get to Know Your Nature's Power Pod

Front Panel

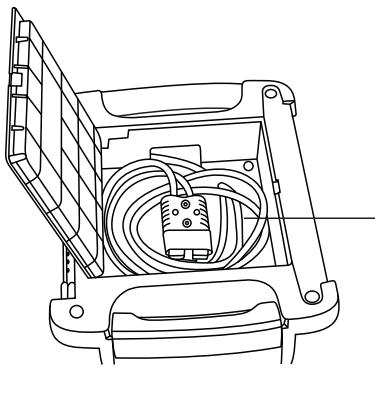


Back Panel



Visit Naturesgenerator.com for More Information

Top Compartment



Expansion cord: 35 inch long expansion cord.

Using Your Nature's Power Pod

How to Recharge Your Nature's Power Pod

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 your unit while in hazy or overcast skies.
2. Insert solar panel plug into Solar Input port on the front of Nature's Power Pod. You will know it is recharging when LED lights start running. The LED lights remain solid when the battery is full or there is not enough power from solar panel.
3. It takes about 15 to 20 hours to recharge Nature's Power Pod 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 for information on purchasing additional Nature's Generator Solar Panels.

Recharging from Nature's Generator

1. Connect Nature's Power Pod to Nature's Generator (not included in the box) by the expansion cord.
2. When Nature's Generator is being recharged by solar, wind or wall, Nature's Power Pod will be recharged at the same time.
3. The LED lights do not run while Nature's Power Pod is recharged from Nature's Generator, but you always can press the LED Light Button to check battery level.

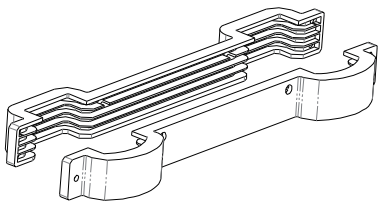
Recharging from the Car

You can use DC extension cord (not included in the box) to recharge the Nature's Power Pod by using 12V DC port. This method is not recommended because it recharges much slower.

How to Install Your Nature's Power Pod on Top of Nature's Generator

What is in the accessory box

1. Brackets



2. Bolts and nuts

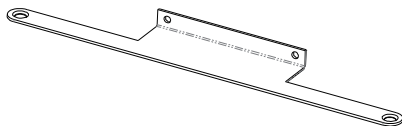


A: 16mm x 2pcs

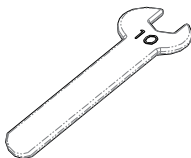
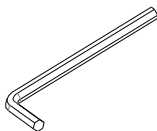


B: 25mm x 2pcs

3. Pod bar



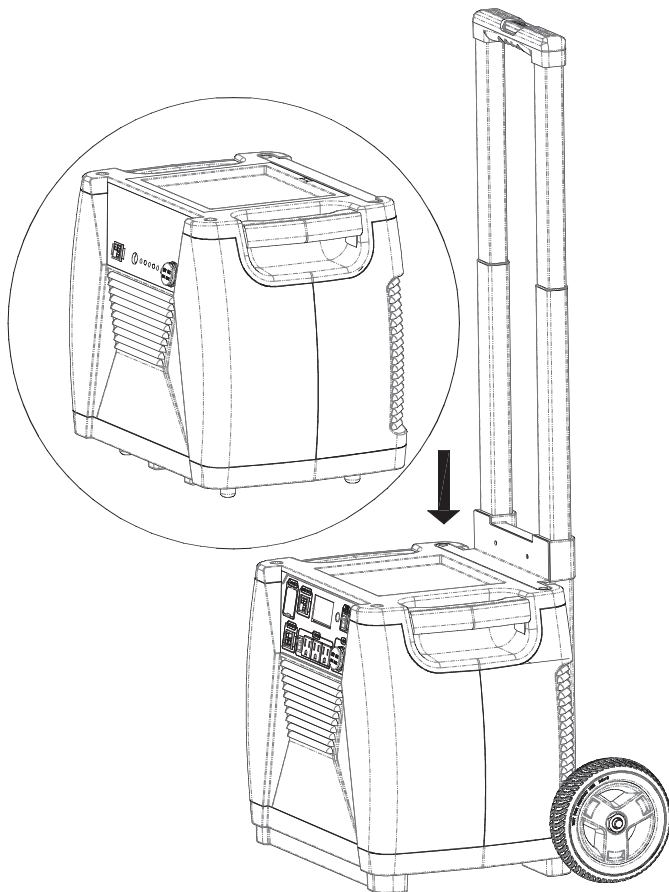
4. Tools



Visit Naturesgenerator.com for More Information

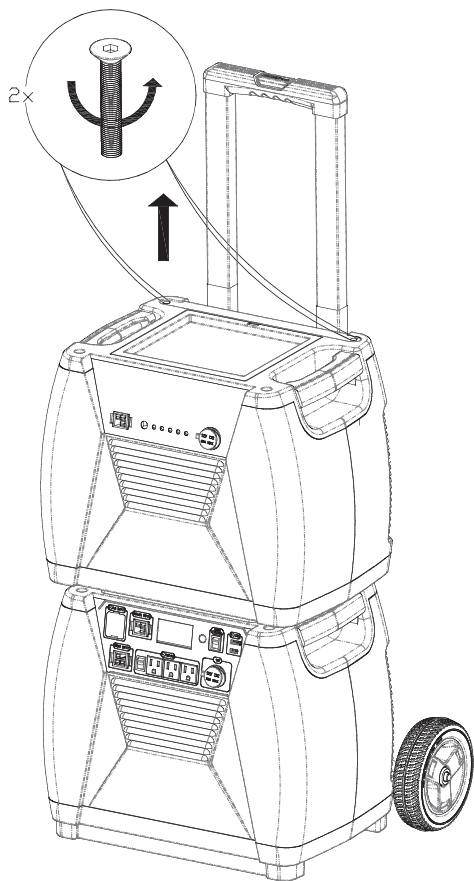
Installing Procedures

Step 1: Lift Nature's Power Pod and set it on top of Nature's Generator. Make sure the feet of Nature's Power Pod sit between the handle and top case of Nature's Generator.



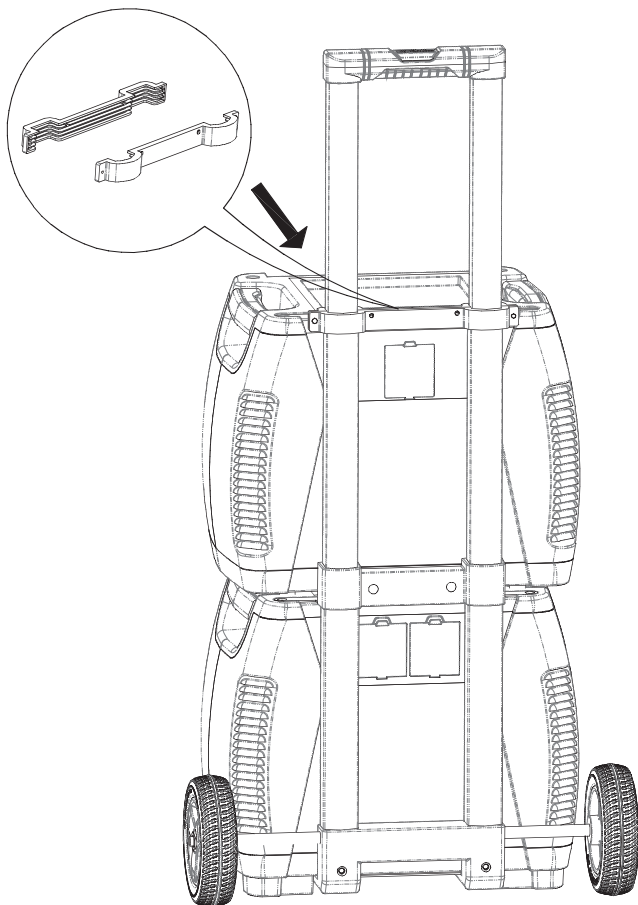
Visit Naturesgenerator.com for More Information

Step 2: Remove two bolts from Nature's Power Pod with included Allen wrench. Put these two bolts aside for now as they will be reused in step 5.



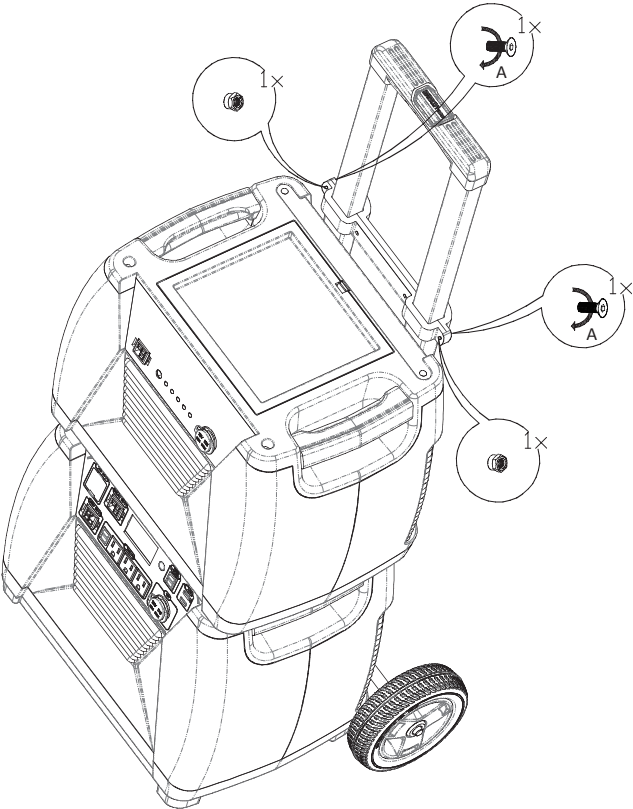
Visit Naturesgenerator.com for More Information

Step 3: Put the brackets on the cart. Bracket will match up with the shape of the cart frame.



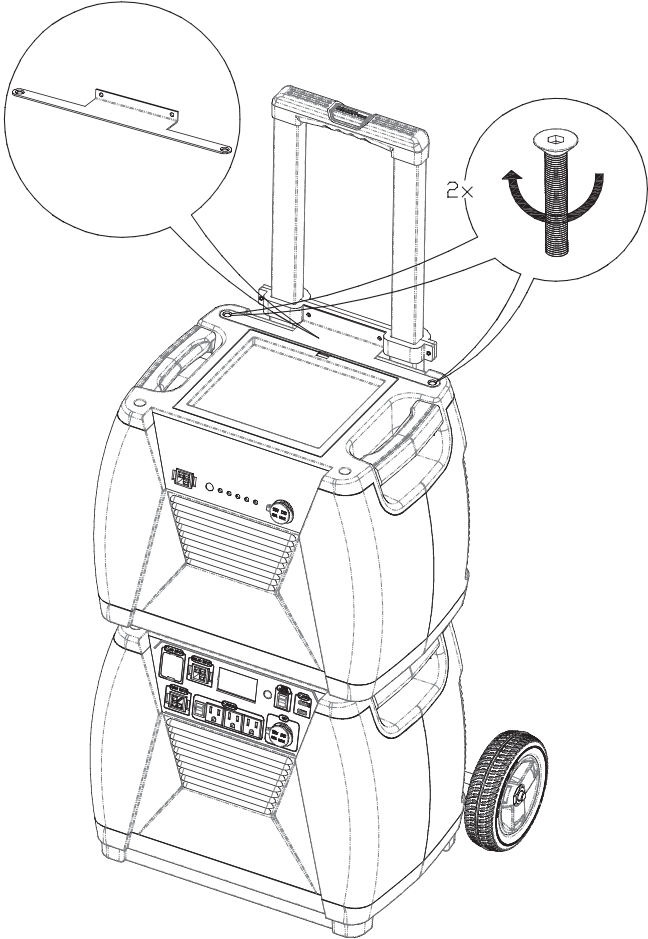
Visit Naturesgenerator.com for More Information

Step 4: Use type A bolts and nuts to secure the two brackets. Use wrench to hold the nuts and Allen wrench to tighten the bolts.



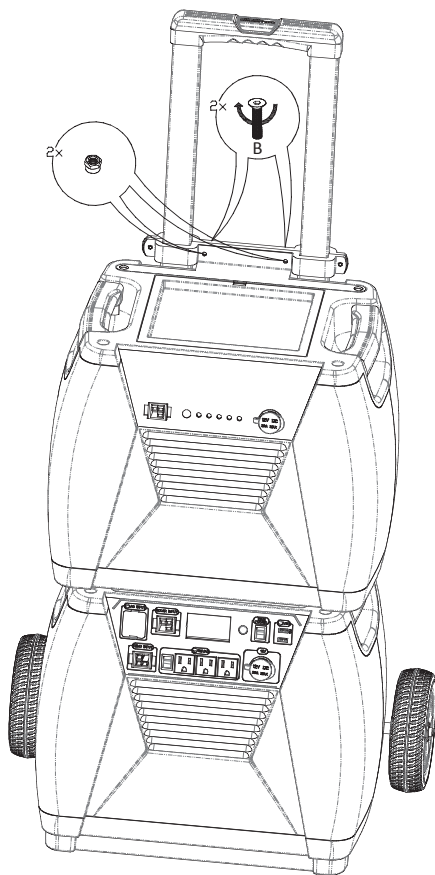
Visit Naturesgenerator.com for More Information

Step 5: Place pod bar on the top of Nature's Power Pod. Insert the bolts that were removed in step 2 by Allen wrench.



Visit Naturesgenerator.com for More Information

Step 6: Use type B bolts and nuts to secure the brackets and pod bar. Use the wrench to hold the nuts and Allen wrench to tighten the bolts.



Visit Naturesgenerator.com for More Information

How to Connect Your Nature's Power Pod to Nature's Generator

You can connect your Nature's Power Pod to your Nature's Generator to extend the overall run time.

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 Nature's Power 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 on the display of Nature's Generator 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 Power Pod

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

Please clean your Nature's Power Pod with a soft, lint-free cloth. If your Nature's Power Pod 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 Power Pod.

Troubleshooting

My Nature's Power Pod 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 Power Pod and make sure it fits tightly.
3. If the LED lights up, but the battery bar is not running. It means Nature's Power Pod is being fully charged by the solar panel or solar panel does not have high enough voltage to recharge the Nature's Power Pod.

Technical Specifications

Battery:

Type: AGM Sealed Lead Acid

Capacity: 100Ah (1200Wh)

Self-discharge: Recommend to recharge it every 4 months

Ports:

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

Expansion Cord: 45 inches

Charges:

Solar Charger: 200watt

Battery Level LED lights: 5 LED lights

General:

Dimensions: 18 x 12 x 15 in (47 x 30 x 38 cm)

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

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

Weight: 92 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 Power Pod 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).

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

Huntkey USA, Inc.

735 W Ventura Blvd., Suite B

Camarillo, CA 93010

Visit Naturesgenerator.com for More Information





NATURE'S GENERATOR POWER PANEL

Huntkey USA, Inc



support@naturesgenerator.com



805.383.0003



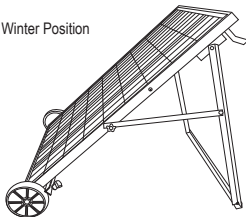
805.383.0005

How to Position the Solar Panel

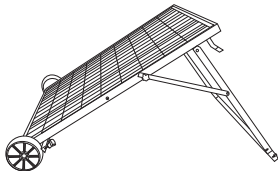
Flat Position



Winter Position

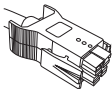


Summer Position

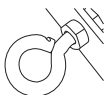


How to Use the Solar Panel

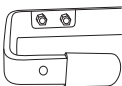
Connect the solar panel cable to the solar input port.



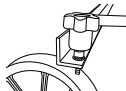
You can use the four eyebolts to anchor the solar panel to the ground.



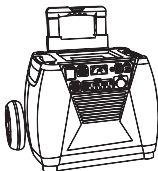
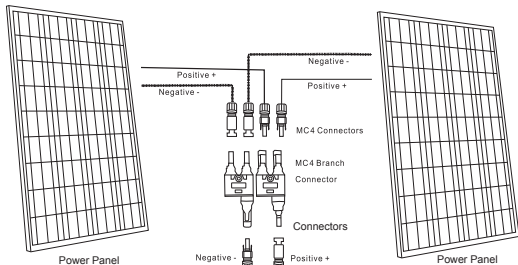
You can use handles for cable management and predrilled 6mm holes for optional mounting.



You can turn star knob clockwise to stop the wheel or counterclockwise to release.



Optional: To Double Charging Speed. Use the Parallel Connection Method



For use with
Nature's
Generator



Or
For use with
Nature's
Generator
Power Pod

Specifications:

Rated Power: 100W
Voltage: 17V ~ 22V
Fuse Rating: 8A
Cell: Polycrystalline

Certifications:

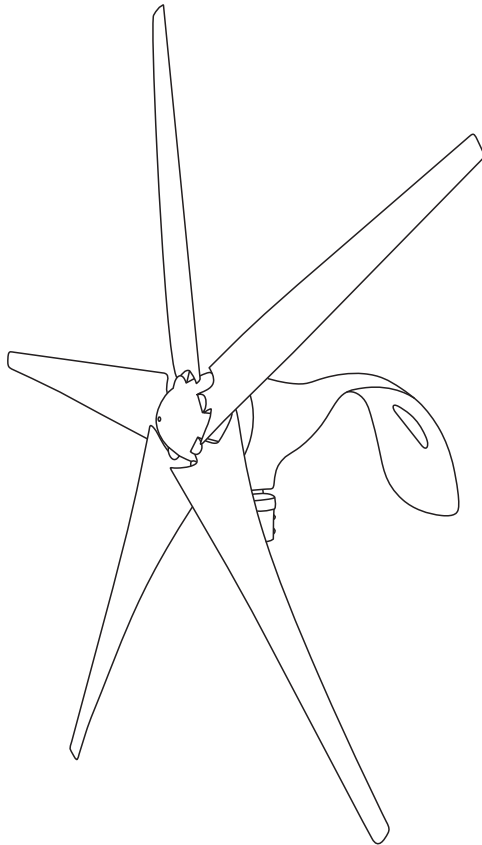


Designed & Assembled in USA

visit NaturesGenerator.com for more information

Nature's Wind Turbine

User Manual



Nature's Wind Turbine

Contents

Welcome	1
Important Safety Instructions.....	1
- Warning	1
- Caution	2
Introduction.....	3
- Unpack Your Nature's Wind Turbine	3
- Get to Know Your Nature's Wind Turbine.....	4
Using Your Nature's Wind Turbine	7
- How to Choose the Location	7
- How to Choose the Tower	8
- How to Install your Nature's Wind Turbine.....	8
- How to Connect your Nature's Wind Turbine to your Nature's Generator	12
Maintenance	14
Troubleshooting	14
Technical Specifications	15
Limited Warranty.....	16

Welcome

Congratulations on the purchase of your new Nature's Wind Turbine, a state-of-art wind turbine that recharges your Nature's Generator through the wind. Please read these instructions thoroughly prior to installation, then store this manual in a safe place for future reference. If at any time you are unclear about this product, or require additional assistance, please do not hesitate to contact our Customer Support line at 805-383-0003 or email us at support@naturesgenerator.com .

Important Safety Instructions

1. Read these instructions.
2. Keep these instructions.
3. Take note of all warnings.
4. Follow all instructions.
5. Place this manual in a safe place for future reference.
6. Only use attachments/accessories specified by the manufacturer.
7. Refer all servicing to qualified service personnel. Servicing is required when the Nature's Wind Turbine has been damaged in any way, such as cord or plug is damaged or the Nature's Wind Turbine has been dropped.
8. Wait until a calm day to install the Nature's Wind Turbine.
9. Avoid the sharp edges on the blades.
10. Readjust and tighten the screws and bolts as needed after installation.
11. Your Nature's Wind Turbine must be installed in accordance with this manual along with local and national building code. Incorrect installation may void warranty.
12. Your Nature's Wind Turbine blades spin at a potentially dangerous speed.

Never approach turbine in motion.

Warning

Mechanical Hazard

The rotating blades present the most serious mechanical hazard. The tip of the rotating blades may be moving at the speed over 300 miles per hour. The blades are almost invisible and may cause serious injuries. You should NOT install the turbine where anyone could come in touch with the rotating blades.

Electrical Hazard

The Nature's Wind Turbine generates the electricity and thus the inherent personal injury from electricity exists. Be always cautious when connect cables and connect to Nature's Generator.

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 Wind Turbine 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 Wind Turbine and refer servicing to qualified service personnel under the following conditions:

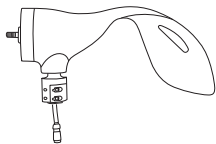
- If your Nature's Wind Turbine has been dropped or damaged in any way.
- When your Nature's Generator exhibits a distinct change in performance.

End of life directives

Your Nature's Wind Turbine may contain materials that are regulated for environmental reasons. Your Nature's Wind Turbine 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 Wind Turbine.

Unpack Your Nature's Wind Turbine

1. Nature's Wind Turbine main body



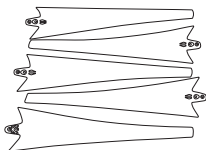
2. Hub



3. Nose cone



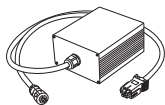
4. Blades x 5



5. 100-foot-long wind turbine cable



6. Controller box



7. This user manual



8. Accessory bag that includes.



M6 bolt x 12 (2 spare pieces)



M6 nut x 12 (2 spare pieces)



M6 flat washer x 12 (2 spare pieces)



M6 lock washer x 12 (2 spare pieces)



M16 lock nut x 1



M16 lock washer x 1



Rubber pad x 1



Hex key 8mm



Hex key 6mm



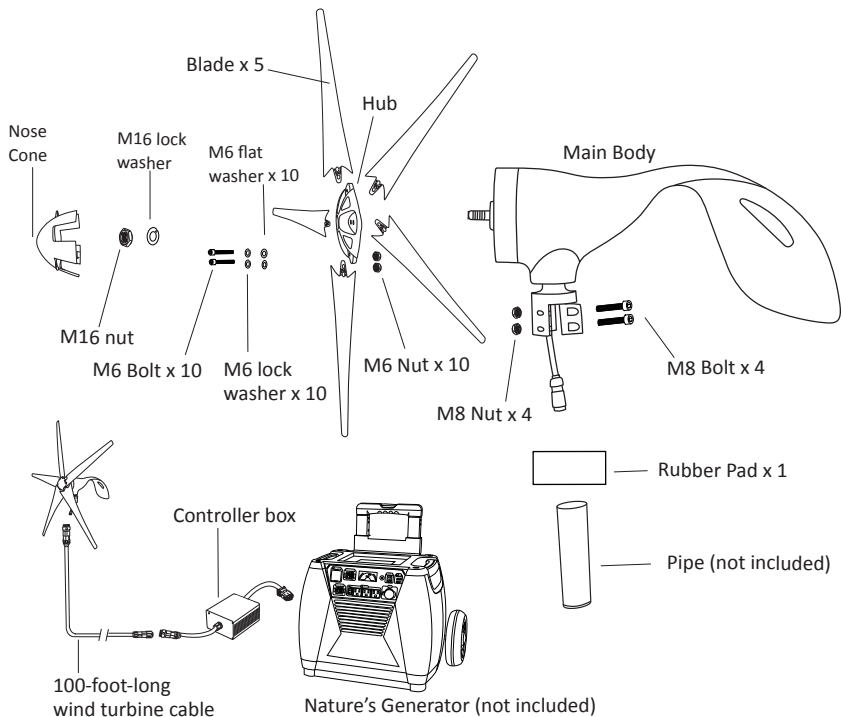
Hex key 5mm



Ground line

Visit NaturesGenerator.com for More Information

Get to Know Your Nature's Wind Turbine



Complete Electrical System

Your Nature's Wind Turbine comes with 100 foot long wind turbine cable and controller box. It is a complete electrical system to recharge your Nature's Generator.

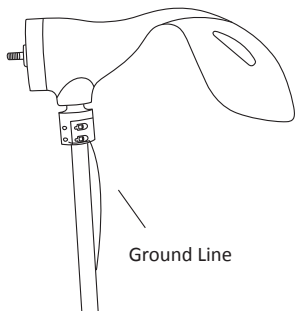
Built-in Protections

Your Nature's Wind Turbine controller box has built in over current protection and over voltage protection that prevent possible damage to your Nature's Generator.

Visit NaturesGenerator.com for More Information

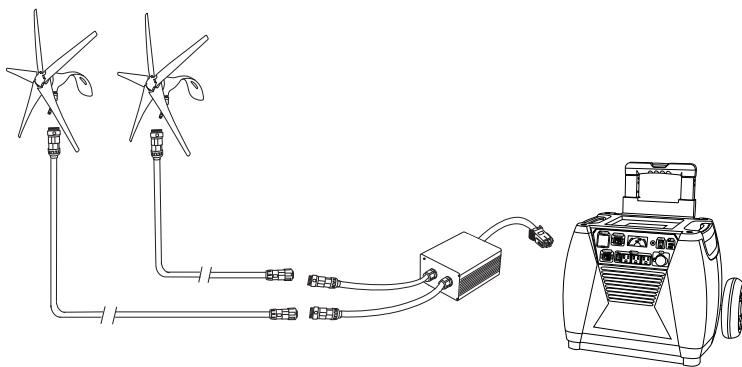
Grounding

Every wind turbine and turbine tower need to be grounded at the tower base. Grounding the tower at its base may help prevent shocks to persons touching the tower due to lightning or electrical faults. Please take the time to review the National Electrical Code (NEC) and local building and zoning regulations for complete requirements. Your Nature's Wind Turbine has a grounding cable included for this purpose.



Expandability

Your Nature's Wind Turbine can be connected to another Nature's Wind Turbine to double the charging speed by using dual controller box. Please visit www.naturesgenerator.com or contact Customer Support line at 805-383-0003 or email us at support@naturesgenerator.com.



Visit NaturesGenerator.com for More Information

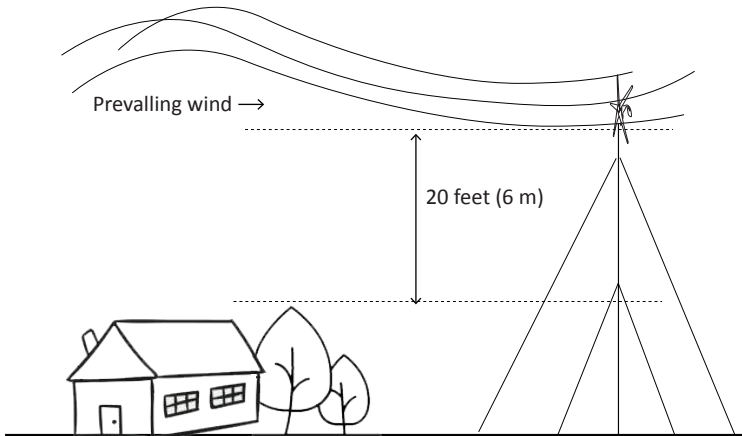
Using Your Nature's Wind Turbine

How to choose the location

The wind speed has dramatic effects on your Nature's Wind Turbine. The location shall be carefully considered to achieve the optimal performance of your Nature's Wind Turbine, prior to the mounting of your Nature's Wind Turbine. Each installation is unique and often a compromise among surrounding environment, distance between your Nature's Wind Turbine and your Nature's Generator, zoning requirements, budget and etc.

In general terms, the higher your Nature's Wind Turbine can be mounted, the greater the air flow will be and thus the better power production will be. However, towers are expensive and can easily exceed the cost of the turbine. The minimum recommended tower height is 20ft to 30ft above nearby obstructions as shown below. The obstructions create turbulence which reduces the efficiency of the wind turbine may accelerate wear and tear of your Nature's Wind Turbine.

Safety must be the primary concern when selecting the mounting location. Install your Nature's Wind Turbine so there is no possibility of accidental contact with rotating blades even if it requires installing the wind turbine in a less than ideal location. Safety has precedence over efficiency.



How to choose the tower

Your Nature's Generator is designed to mount on nominal 1.5 inch schedule 40 steel tubing or piping. The outside diameter of the tubing or piping shall be around 1.875 inch to 1.900 inch. The steel tubing or piping should be available through your local hardware store. Under no circumstances should plastic pipe be used to construct a tower. Towers must be capable of withstanding 160 pounds of load in the horizontal direction at the wind turbine.

How to Install your Nature's Wind Turbine

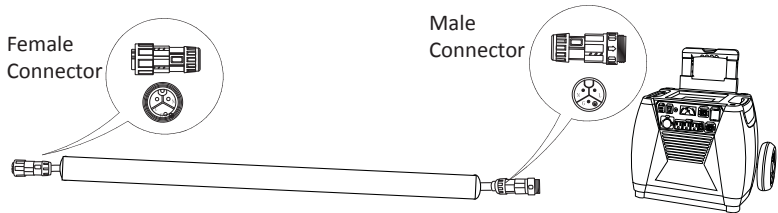
Caution: Choose a calm day and have someone available to help during the installation process.

Caution: The blades edges are sharp. Please handle carefully.

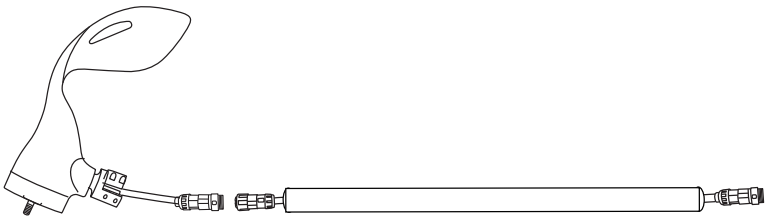
Caution: Do not assemble the blades before the body is mounted on the pipe or tower.

Caution: Do not connect your Nature's Wind Turbine with Nature's Generator until all installation has been completed.

Step 1: Run the wind turbine cable through the pipe and drag the connector close to the Nature's Generator. The female connector shall be close to your Nature's Wind Turbine and the male connector shall be close to your Nature's Generator.

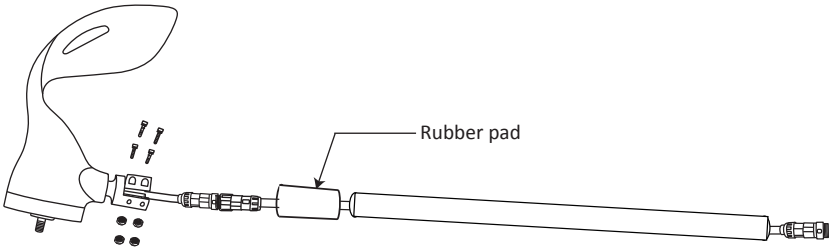


Step 2: Connect the wind turbine cable and your Nature's Wind Turbine by pushing and twisting the connectors.

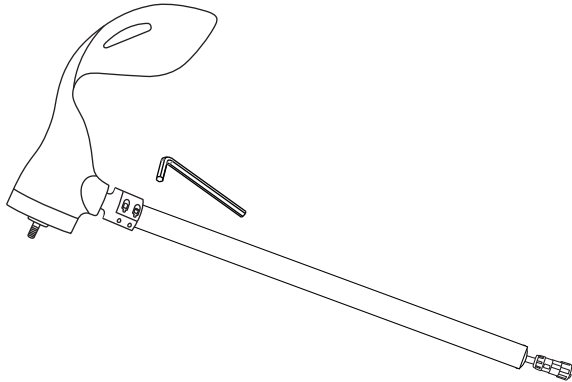


Visit NaturesGenerator.com for More Information

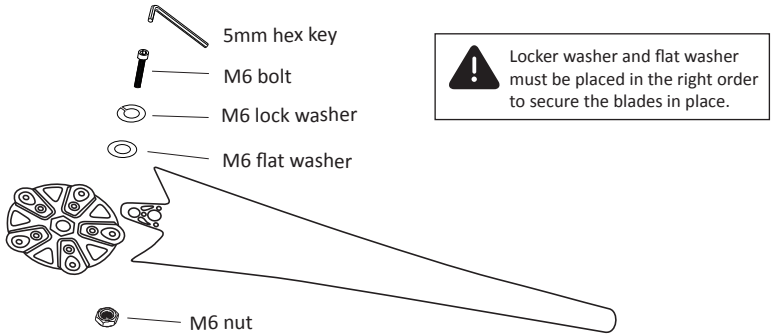
Step 3: The rubber gasket that is stored inside of the yaw and the included rubber pad help to prevent the the yaw from contacting the pipe directly. The rubber gasket and rubber pad will assist in reducing the transmission of noise and vibration down the pipe. Slide the yaw shaft all the way down over the top of the pipe and be careful not to pinch the cable. There may be some slight variances of the thickness or size of the pipe from different makers or models. Please adjust the size of rubber pad as needed.



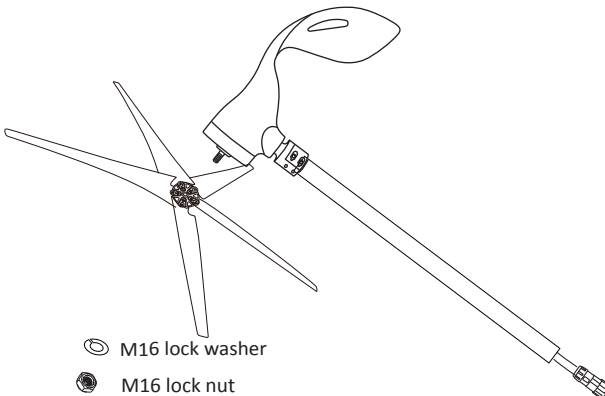
Step 4: Firmly tighten the yaw clamp bolts with the 6mm hex key. Be sure that your Nature's Wind Turbine is securely attached to the pipe.



Step 5: Place one of the blades on one of the hub socket. Place a lock washer and then a flat washer on the blot and then insert the bolt through the blade ad the socket. Place a nut on the other side of socket and tighten the bolt with the 5mm hex key. Repeat this process on all five blades. Make sure the lock washer and flat washer are placed in the right order. The blades will become loose if it is not installed properly.

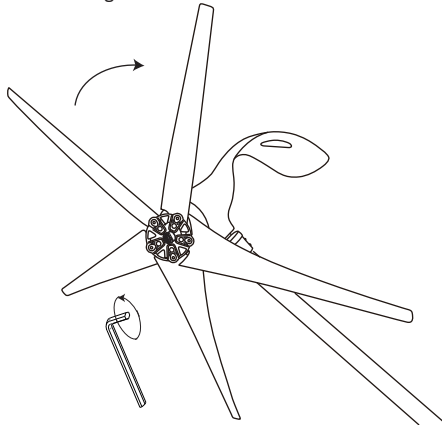


Step 6: Slide the blade assembly onto the rotor shaft and place the lock washer and lock nut on the shaft.

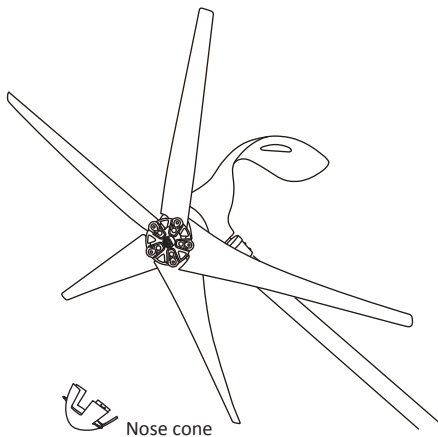


Visit NaturesGenerator.com for More Information

Step 7: Insert the 8mm hex key into the rotor shaft. Hold the blade assembly and tighten the M16 nut by turning the 8mm hex key counter clockwise. If needed, please use the extender (not included) to extend 8mm hex key to tighten the lock nut. Finally, spin the blades slowly to be sure they turn freely and the hub does move in along the rotor shaft.



Step 8: Place the nose cone over the center line of the blade assembly and snap the nose cone into place.

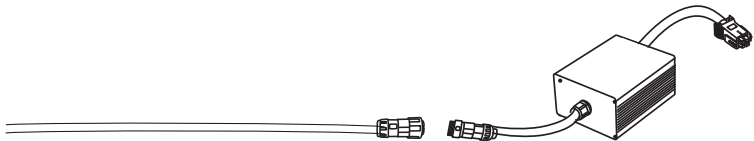


Step 9: Carefully raise the tower and secure the base and/or cables.

Visit NaturesGenerator.com for More Information

How to connect your Nature's Wind Turbine to your Nature's Generator

Step 1: Connect the wind turbine cable to the round connector from one side of the controller box by pushing and twisting the connectors

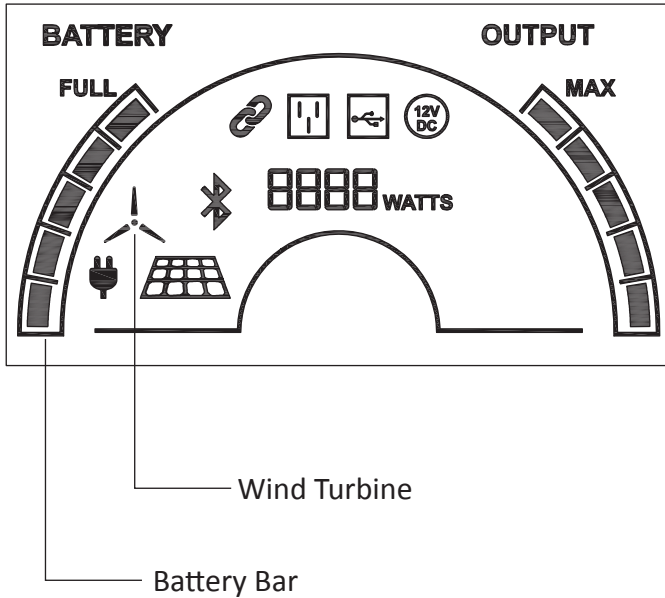


Step 2: Connector the square connector from the other side of controller box to your Nature's Generator "WIND INPUT" port.



Visit NaturesGenerator.com for More Information

Step 3: When your Nature's Wind Turbine spins at certain speed, you will see the whole display on your Nature's Generator lights up, if your Nature's Generator main power is switched off. It means your Nature's Wind Turbine is recognized by your Nature's Generator, but it is not powerful yet to recharge your Nature's Generator. When your Nature's Wind Turbine spins at proper speed, you will see the wind turbine icon on the display illuminates and battery bar starts running. It means your Nature's Wind Turbine is recharging your Nature's Generator.



MAINTENANCE

Your Nature's Wind Turbine has been designed to run for long periods without requiring any maintenance. Performance will be enhanced if you periodically inspect your system. Review the following simple maintenance procedures and implement every six months.

Caution: Do not go near the wind turbine during operation.

- Check blades for superficial damage. Replace blades if damaged. It is important not to use blades that are damaged, as you will lose overall balance, resulting in a decrease in efficiency. Should you notice damage to the blades, you must replace all 5. The blades are balanced as sets.
- Check the blade bolts and the nut for tightness.
- Check nose cone for cracks and tighten nuts.
- Wipe any excess dirt build-up from blades.
- Check electrical connections to make sure they are tight and free from corrosion.

Trouble shooting

Caution: You may require an extra person to assist with these tests.

1. Remove the blade and hub from your Nature's Wind Turbine.
2. Drain your Nature's Generator to show only one bar or two bars of battery level.
3. Connect your Nature's Wind Turbine to your Nature's Generator. And make sure your Nature's Generator main power is switched off.
4. Set your power drill at speed mode and use an 8mm hex drive bit (not included, please purchase separately) to spin the rotor shaft.
5. You will see the LCD display on your Nature's Generator lights up and then your wind turbine icon illuminates and the battery bar starts running. It means your Nature's Wind Turbine should be recharging your Nature's Generator fine. You should also feel resistance on the rotor shaft.

If you have any questions on the trouble shooting procedures, please do not hesitate to contact our Customer Support line at 805-383-0003 or email us at support@naturesgenerator.com .

Technical Specifications

Material:

Wind turbine blades: fiberglass nylon composite

Wind turbine body: cast aluminum alloy with powder coating

Wind turbine cable: 12AWG pure copper cable

Connectors:

Wind turbine cable connectors: weatherproof M19 3P connectors.

Wind input connectors: Anderson connectors.

Yaw: fits 1.5 Inch schedule 40 pipes or towers

Power Rating:

Rated mechanical power: 400 watts @ 27 mph or 12 m/s wind speed

Rated electrical power: 150 watts

Maximum wind speed 110 mph

General:

Rotor diameter: 51 in / 1.3 m

Weight 22 lbs/10 kg not including cables and controller box.

Certifications: CE Rohs

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 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

HuntKey USA, Inc.

735 W Ventura Blvd., Suite B

Camarillo, CA 93010

