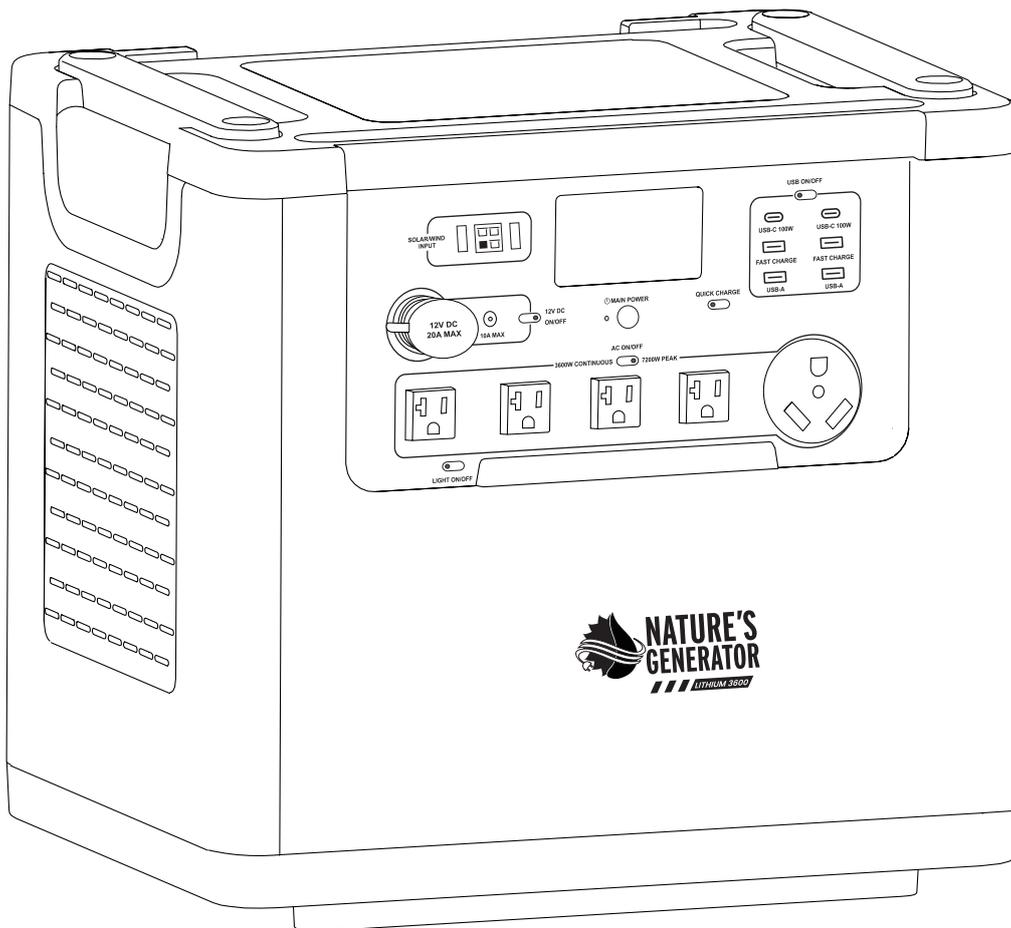


Nature's Generator Lithium 3600 User Manual



Nature's Generator Lithium 3600

Contents

1.0 Important Safety Instructions	1
1.1 Safety Instructions.....	1
1.2 General Requirements.....	1
1.3 Warning	2
1.4 Caution.....	2
1.5 Battery Safety.....	3
1.6 Maintenance Instructions.....	4
1.7 Storage Instruction.....	4
1.8 INSTRUCTIONS PERTAINING TO RISK OF FIRE, ELECTRIC SHOCK, OR INJURY TO PERSONS.....	5
1.9 WARNING: GROUNDING INSTRUCTIONS	5
2.0 Introduction.....	7
2.1 Unpack Your Nature's Generator Lithium 3600.....	7
2.2 Get to Know Your Nature's Generator Lithium 3600.....	8
2.3 Use Your Nature's Generator Lithium 3600.....	11
2.4 Recharge Your Nature's Generator Lithium 3600.....	14
2.5 Power Relay Mode.....	22
2.6 Expand Your Nature's Generator Lithium 3600.....	22
2.7 Maintain and Store Your Nature's Generator Lithium 3600.....	26
3.0 Troubleshooting.....	27
3.1 My solar panels cannot recharge my Nature's Generator Lithium 3600.	27
3.2 My wind turbine cannot recharge my Nature's Generator Lithium 3600.....	27
3.3 My wall outlet cannot recharge my Nature's Generator Lithium 3600.....	27
3.4 My Nature's Generator Lithium 3600 does not power my AC device(s).	28
3.5 My Nature's Generator Lithium 3600 battery drains fast.....	29
4.0 Technical Specifications.....	30
5.0 Notice.....	30
6.0 WARRANTY & RETURNS.....	31

1.0 Important Safety Instructions

1.1 Safety Instructions

1.1.1 Read these instructions.

1.1.2 Keep this user manual in a safe and accessible place.

1.1.3 Take note of all warnings to avoid injury or damage.

1.1.4 Follow all instructions.

1.1.5 The safety instructions provided herein are for illustrative purposes that include but are not limited to those listed in this manual. Actual operation shall comply with all applicable safety standards.

1.1.6 Always operate or store the equipment in the conditions specified in this manual.

The installation and ambient conditions must comply with the regulations in the relevant national and local standards.

1.1.7 Avoid unauthorized disassembly, equipment replacement, or modification of software codes.

1.1.8 Nature's Generator shall not be liable for the equipment damages, personal injury, property loss or other damages resulting from the following circumstances:

- Force majeure events such as earthquakes, fires, storms, floods, or mudslides.
- Damages caused by improper handling and installation.
- Damages resulting from inadequate storage conditions as specified in the manual.
- Hardware or data damage caused by customer negligence, improper operation, or intentional actions.
- System damage caused by third parties or customers.
- Adjustments, changes, or removal of labels in violation of this manual.

1.1.9 This product is not intended for use with devices that have high-performance requirements for UPS (Uninterruptible Power Supply), including but not limited to data servers, workstations, medical equipment, and similar devices.

1.1.10 This product may only be used indoors and that no outdoor use is allowed under any conditions.

1.2 General Requirements

1.2.1 Do not install, use or maintain this equipment near water.

1.2.2 Do not install, use and maintain this equipment in adverse weather conditions such as lightning, rain, storm, snow and earthquake.

1.2.3 Keep this equipment away from heat sources or high temperatures or direct sunlight.

1.2.4 Do not insert foreign objects into or block any ventilation openings.

1.2.5 Always turn off the power source before starting any electrical work.

1.2.6 Allow a minimum 20 inch clearance from all sides of the equipment for proper air ventilation to dissipate heat.

1.2.7 Do not use near flammable gases or fumes or other equipment that produce a large amount of heat.

1.2.8 Do not store this equipment with flammable or explosive materials.

1.2.9 Do not place the equipment on an unstable or inclined surface.

1.2.10 Use the equipment for its intended purpose and avoid stacking objects on top of it during storage or use.

1.2.11 Keep the system out of the reach of children and pets.

1.2.12 Only use attachments/accessories approved by the manufacturer.

1.2.13 Regularly inspect the equipment and its accessories for damage or deterioration.

1.2.14 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.

1.2.15 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.

1.2.16 The transportation, wiring, installation and maintenance shall comply with all applicable laws, regulations and standards.

1.2.17 Do not make changes or modifications to the equipment's structure, installation sequence, etc.

1.2.18 Position the system on the flat surface and firmly secure it to a wall or other solid objects.

1.2.19 After installing the equipment, remove the idle package materials from the site such as cartons, foam, plastic, nylon ties, etc.

1.3 Warning

1.3.1 Electric Shock Hazard

Keep away from children. Nature's Generator Lithium 3600 generates the same potentially lethal AC power as a normal household wall outlet. Avoid working with live electrical components. 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.

1.3.2 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 equipment that produces large amounts of heat. Allow a minimum 20 inch clearance from all sides of the equipment for proper air ventilation to dissipate heat.

1.3.3 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.

1.3.4 Energy and Burn Hazard

Nature's Generator Lithium 3600 has lithium iron phosphate batteries, which can present a risk of burn or fire hazard from high current because of short-circuit.

1.3.5 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.

1.4 Caution

1.4.1 Damage Requiring Service

Stop using the Nature's Generator Lithium 3600 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 Lithium 3600.

If your Nature's Generator Lithium 3600 has been exposed to rain or water.

If your Nature's Generator Lithium 3600 has been dropped or damaged in any way.

When your Nature's Generator Lithium 3600 exhibits a distinct change in performance.

1.4.2 Cold Weather

Cold temperatures can impact Nature's Generator Lithium 3600 performance. If you are in area that will be consistently below freezing, we recommend keeping your Nature's Generator Lithium 3600 in an insulated location.

1.4.3 Recycling and Disposal

Your Nature's Generator Lithium 3600 may contain materials that are regulated for environmental reasons. Your Nature's Generator Lithium 3600 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 Lithium 3600.

1.4.4 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 Lithium 3600 is in correct operating condition.

1.4.5 Servicing

The 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.

1.4.6 Metal Tools

Be very cautious when working with metal tools on or around Nature's Generator Lithium 3600. A potential risk exists of dropping a tool that sparks or short circuits batteries or other electrical parts which could cause an explosion.

1.5 Battery Safety

1.5.1 Connect the terminals and ports securely and conduct regular checks.

1.5.2 Prevent the positive and negative terminals of the battery from touching each other or any metal objects to avoid heat generation or electrolyte leakage.

1.5.3 Do not short-circuit the battery terminals. A short circuit can cause a fire.

1.5.4 Do not expose the battery to high temperatures or around heat sources, such as sunlight, fire, transformers, welding machines, grinding machines, or heaters.

1.5.5 Do not disassemble, modify or damage the battery to avoid leakage, overheating or fire.

1.5.6 Never use damaged batteries or components. Improper use of damaged batteries or components can damage your device or injure yourself as a result of battery fluid leakage, fire, overheating, or explosion.

1.5.7 Do not turn the battery upside down or tilt it.

1.5.8 Safely and carefully dispose of used batteries by the provisions of local laws and regulations. Avoid treating batteries as regular household waste, as improper disposal can lead to environmental pollution.

1.5.9 If you find a leaking or damaged battery pack, contact an authorized battery recycling company for expert assistance.

1.5.10 Avoid contact with spilled liquid or gas if the battery leaks chemicals or odors. Do not approach the battery and contact a professional for disposal.

1.5.11 If you inhale of vapors of the battery electrolyte, get fresh air immediately and seek medical attention.

1.5.12 If you have eye contact with the battery electrolyte, wash the eyes with water for at least 15 minutes and seek medical attention.

1.5.13 If you have skin contact with the battery electrolyte, wash the infected area with soap and water for at least 15 minutes and seek medical attention.

1.5.14 If you ingest the battery electrolyte, seek medical attention immediately.

1.5.15 Nature's Generator shall not be liable for the equipment damages, personal injury, property loss or other damages caused by the following reasons:

- Failure to charge the battery after installation leading to battery over-discharge.
- Inadequate maintenance. improper capacity expansion, or prolonged periods of incomplete charging and frequent over-discharging of the battery.
- Failure to charge the battery as required during storage, resulting in capacity loss or irreparable damage.
- Improper operation or connection errors causing battery short-circuits, damage, drops, or leaks.
- Battery damage caused by operating conditions or external power parameters that do not meet environmental requirements.
- Users or third parties using the battery in ways not specified in the user manual.

1.6 Maintenance Instructions

1.6.1 Disconnect all the cables and turn off the equipment and wait at least 10 minutes after the equipment is completely off.

1.6.2 Wear personal protective equipment (PPE) during maintenance to avoid damage or electric shock.

1.6.3 Use tools correctly to avoid injury or damage to equipment.

1.6.4 Do not touch energized equipment.

1.6.5 Do not clean the electrical components inside and outside the cabinet with water.

1.6.6 Do not stand, lean on or sit on top of the equipment.

1.6.7 Be careful of high temperatures. For operating this product, please take care of the charging temperature limits for appliance and battery use and storage, and the recommended temperature range.

1.6.8 Do not disassemble or damage the battery. The released electrolyte is harmful to your skin and eyes. Avoid contact with electrolyte.

1.6.9 Avoid metal objects such as rings or metal tools to touch the battery.

1.7 Storage Instruction

1.7.1 When not using Nature's Generator Lithium 3600 for extended periods of time, turn off the power and remove all electrical connections.

1.7.2 Charge the system to 40%-60% SoC before storage.

1.7.3 In order to keep the battery healthy, fully charge and discharge the system every 6 months.

1.7.4 Make sure the place where to store the system is well ventilated and spacious.

1.7.5 Do not store the system in flammable or explosive environments.

1.7.6 Keep the system out of the reach of children and pets.

1.7.7 Do not stack anything on top of the equipment during storage.

1.7.8 Avoid exposing the equipment to rain, humidity or direct sunlight.

1.7.9 Store the product in the conditions described in this manual.

1.8 INSTRUCTIONS PERTAINING TO RISK OF FIRE, ELECTRIC SHOCK, OR INJURY TO PERSONS

IMPORTANT SAFETY INSTRUCTIONS

1.8.1 WARNING – When using this product, basic precautions should always be followed, including the following:

- a. Read all the instructions before using the product.
- b. To reduce the risk of injury, close supervision is necessary when the product is used near children.
- c. Do not put fingers or hands into the product.
- d. Use of an attachment not recommended or sold by power pack manufacturer may result in a risk of fire, electric shock, or injury to persons.
- e. To reduce risk of damage to the electric plug and cord, pull the plug rather than the cord when disconnecting the power pack.
- f. Do not use a battery pack or appliance that is damaged or modified. Damaged or modified batteries may exhibit unpredictable behavior resulting in fire, explosion or risk of injury.
- g. Do not operate the power pack with a damaged cord or plug, or a damaged output cable.
- h. Do not disassemble the power pack, take it to a qualified service person when service or repair is required. Incorrect reassembly may result in a risk of fire or electric shock.
- i. To reduce the risk of electric shock, unplug the power pack from the outlet before attempting any instructed servicing.
- j. When charging the internal battery, work in a well ventilated area and do not restrict ventilation in any way.
- k. Do not expose a power pack to fire or excessive temperature. Exposure to fire or temperature above 130°C (265°F) may cause explosion.
- l. Have servicing performed by a qualified repair person using only identical replacement parts. This will ensure that the safety of the product is maintained.

SAVE THESE INSTRUCTIONS

1.9 WARNING: GROUNDING INSTRUCTIONS

1.9.1 When the local codes require, this product must be grounded. If it should malfunction or breakdown, grounding provides a path of least resistance for electric current to reduce the risk of electric shock. This product is equipped with a cord having an equipment grounding conductor and a grounding plug. The plug must be plugged into an outlet that is properly installed and grounded in accordance with all local codes ordinances.

1.9.2 WARNING – Improper connection of the equipment grounding conductor is able to result in a risk of electric shock. Check with a qualified electrician if you are in doubt as to whether the product is properly grounded. Do not modify the plug provided with the product – if it will not fit the outlet, have a proper outlet installed by a qualified electrician.

1.8 INSTRUCTIONS CONCERNANT LE RISQUE D'INCENDIE, DE CHOC ÉLECTRIQUE OU DE BLESSURES AUX PERSONNES

INSTRUCTIONS DE SÉCURITÉ IMPORTANTES

1.8.1 AVERTISSEMENT - Lorsque vous utilisez ce produit, les précautions de base doivent toujours être suivies, y compris ce qui suit:

- a. Lisez toutes les instructions avant d'utiliser le produit.
- b. Pour réduire le risque de blessure, une surveillance étroite est nécessaire lorsque le produit est utilisé près des enfants.
- c. Ne mettez pas les doigts ni les mains dans le produit.
- d. L'utilisation d'une attache non recommandée ou vendue par le fabricant de packs peut entraîner un risque d'incendie, de choc électrique ou de blessures aux personnes.
- e. Pour réduire le risque de dommage à la fiche électrique et au cordon, tirez la fiche plutôt que le cordon lors de la déconnexion du pack d'alimentation.
- f. N'utilisez pas de batterie ou d'appareil endommagé ou modifié. Les batteries endommagées ou modifiées peuvent présenter un comportement imprévisible, ce qui entraîne un incendie, une explosion ou un risque de blessure.
- g. Ne faites pas fonctionner le pack d'alimentation avec un cordon ou une fiche endommagée, ou un câble de sortie endommagé.
- h. Ne démontez pas le pack d'alimentation, apportez-le à un service qualifié lorsque le service ou la réparation est requis. Un réassemblage incorrect peut entraîner un risque d'incendie ou de choc électrique.
- i. Pour réduire le risque de choc électrique, débranchez le pack d'alimentation de la prise avant de tenter tout service instruit.
- j. Lorsque vous chargez la batterie interne, travaillez dans une zone bien ventilée et ne restreignez en aucun cas la ventilation.
- k. N'exposez pas un pack d'alimentation au feu ou à une température excessive. L'exposition au feu ou à la température supérieure à 130 ° c (265 ° f) peut provoquer une explosion.
- l. Avoir un entretien effectué par un réparateur qualifié en utilisant uniquement des pièces de remplacement identiques. Cela garantira que la sécurité du produit est maintenue.

1.9 AVERTISSEMENT: INSTRUCTIONS DE MISE À LA TERRE

1.9.1 Lorsque les codes locaux nécessitent, ce produit doit être mis à la terre. S'il doit dysfonctionner ou une dégradation, la mise à la terre fournit un chemin de moindre résistance pour le courant électrique afin de réduire le risque de choc électrique. Ce produit est équipé d'un cordon ayant un conducteur de mise à la terre d'équipement et une bougie de mise à la terre. La prise doit être branchée sur une prise correctement installée et mise à la terre conformément à toutes les ordonnances de codes locaux.

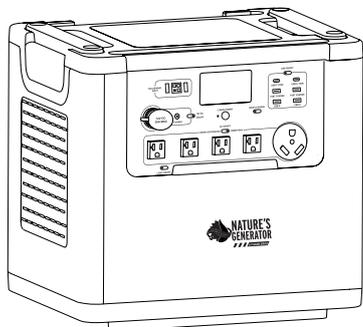
1.9.2 AVERTISSEMENT - Une connexion inappropriée du conducteur de mise à la terre de l'équipement est en mesure d'entraîner un risque de choc électrique. Vérifiez avec un électricien qualifié si vous doutez de savoir si le produit est correctement mis à la terre. Ne modifiez pas la fiche fournie avec le produit - si elle ne s'adapte pas à la prise, ayez une prise appropriée installée par un électricien qualifié.

2.0 Introduction

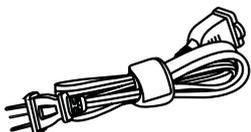
Congratulations on your new Nature's Generator Lithium 3600, a state-of-art energy storage system that provides reliable power for emergencies, off grid living, or wherever power is needed.

2.1 Unpack Your Nature's Generator Lithium 3600

2.1.1 Nature's Generator Lithium 3600



2.1.2 AC Power Cord

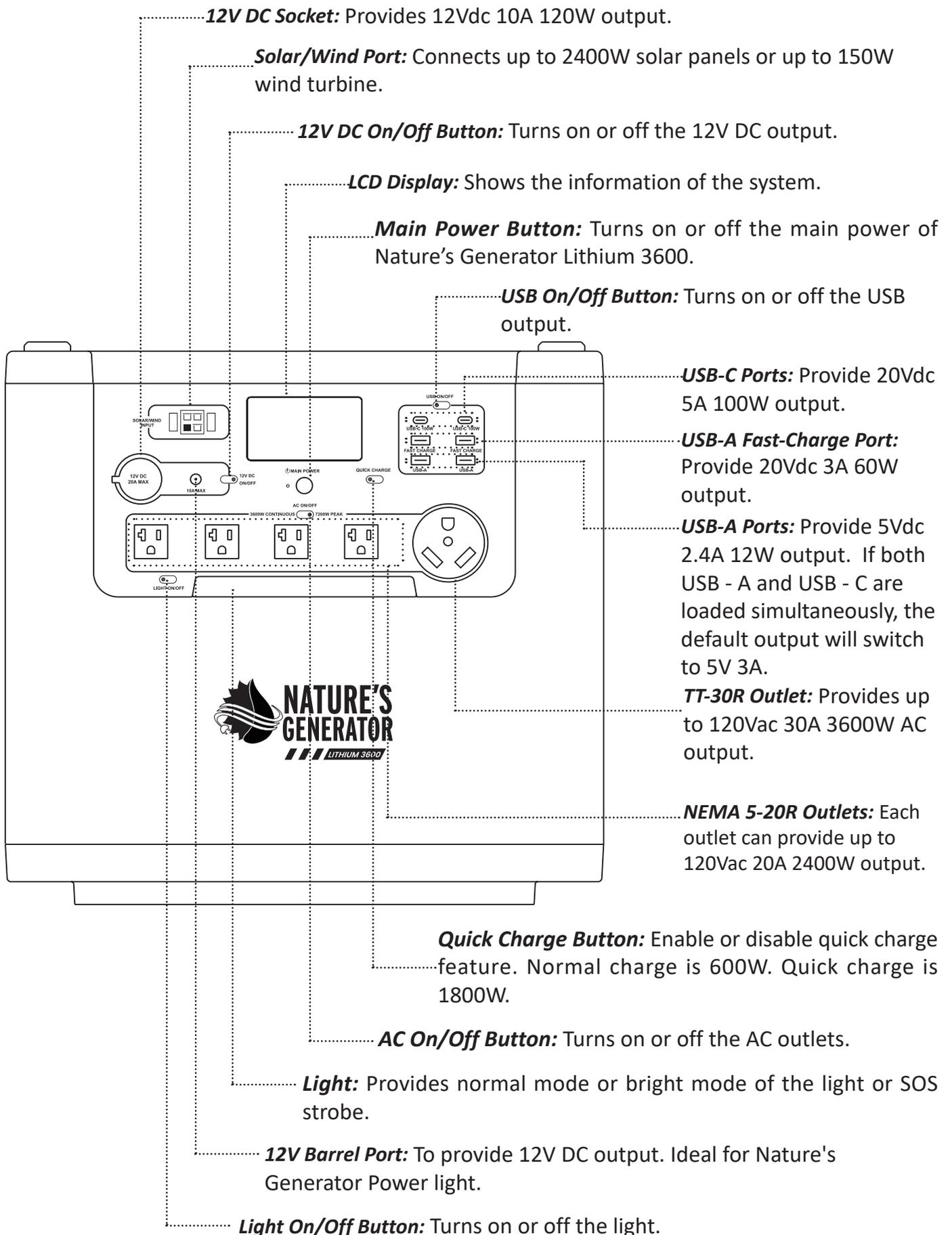


2.1.3 This User Guide



2.2 Get to Know Your Nature's Generator Lithium 3600

2.2.1 Nature's Generator Lithium 3600 Front View

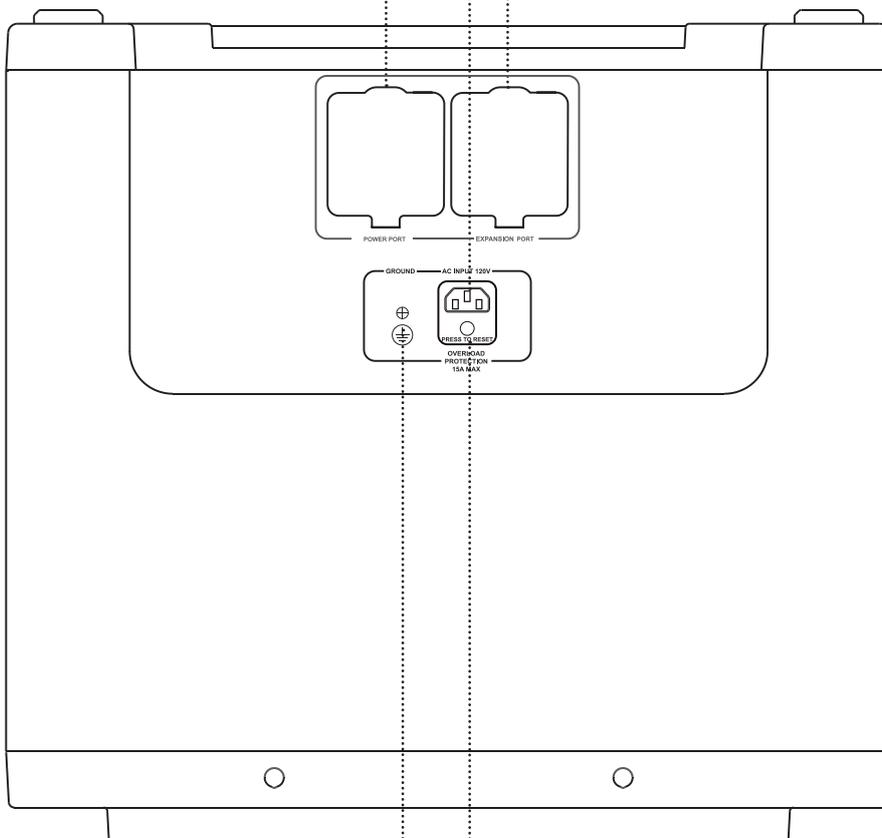


2.2.2 Nature's Generator Lithium 3600 Back View

Power Port: Provides up to 3000W super charge by the Super Charge Cable (sold separately) or combines two Lithium 3600 to 240V/7200W by Lithium 3600 Combiner (sold separately).

AC Input Port: Connects the wall outlet by using the included power cord.

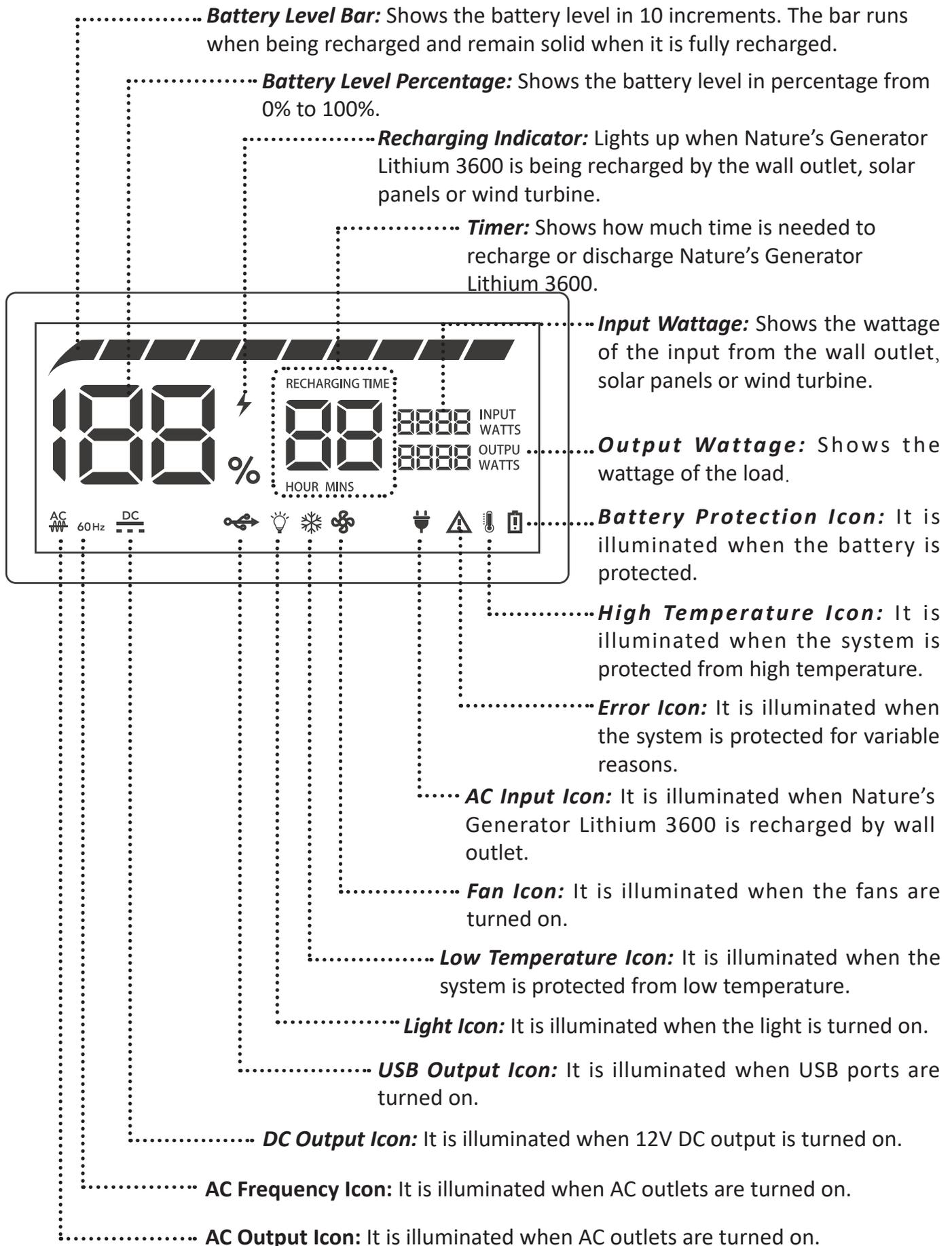
Expansion Port: Connect Nature's Generator Lithium 3600 Power Pod (sold separately) to extend the run time by increasing the battery capacity.



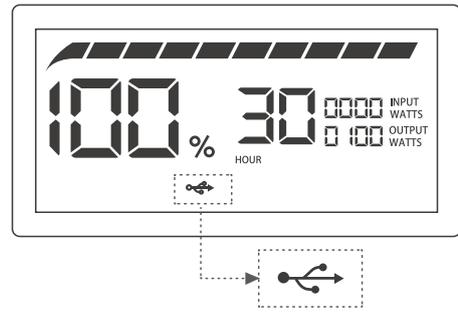
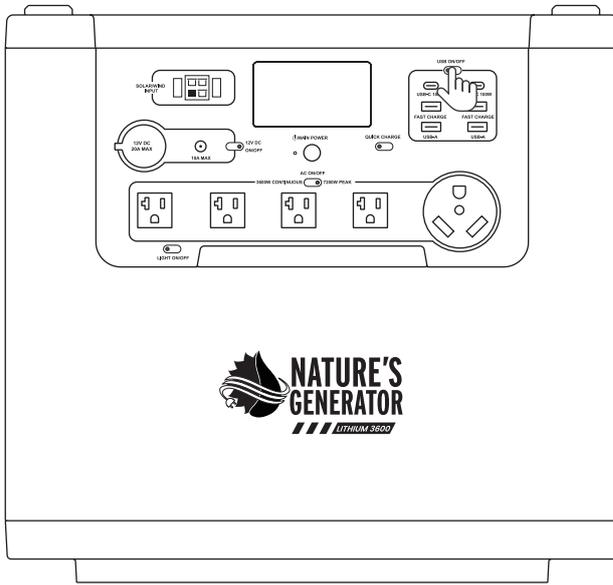
Overload Circuit Breaker: Automatically protects the system if the load exceeds 15A during power relay mode.

Ground Terminal: For grounding connection.

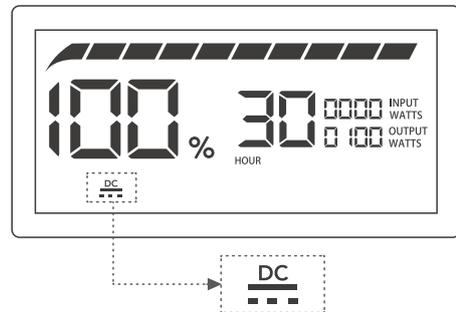
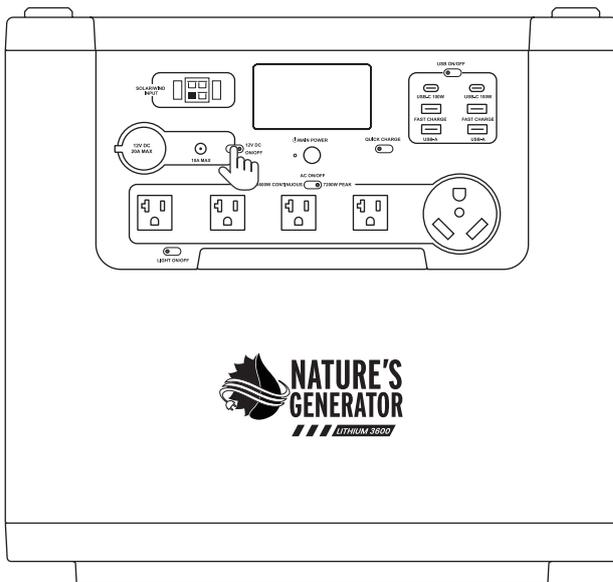
2.2.3 Nature's Generator Lithium 3600 LCD Display



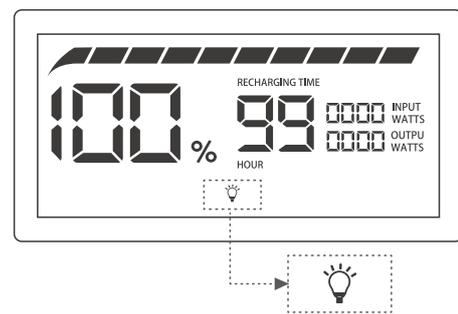
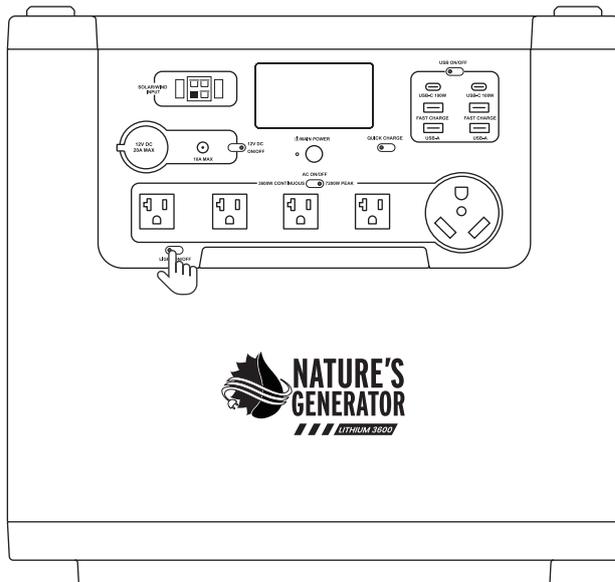
2.3.3 Press the USB On/Off Button to turn on the USB ports. The indicator on the button will light up and the USB Icon will be illuminated. Plug in your USB cables and the LCD display will show the run time and the output wattage if it exceeds 5W. Press the USB On/Off Button again to turn off the USB ports.



2.3.4 Press the 12V DC On/Off Button to turn on the 12V DC output. The indicator on the button will light up and the DC Output Icon will be illuminated. Plug in your devices, power up, and the LCD display will show the run time and the output wattage. Press the 12V DC On/Off Button again to turn off the 12V DC output.



2.3.5 Press the Light On/Off Button to turn on the light. The indicator on the button will light up and the Light Icon will be illuminated. Press the Light On/Off Button one more time to turn the light into the bright mode. Press the Light On/Off Button one more time to turn the bright mode into SOS strobe. Press the Light On/Off Button one more time to turn off the light. Press and hold the Light On/Off Button to turn off the light in any mode.



2.4 Recharge Your Nature's Generator Lithium 3600

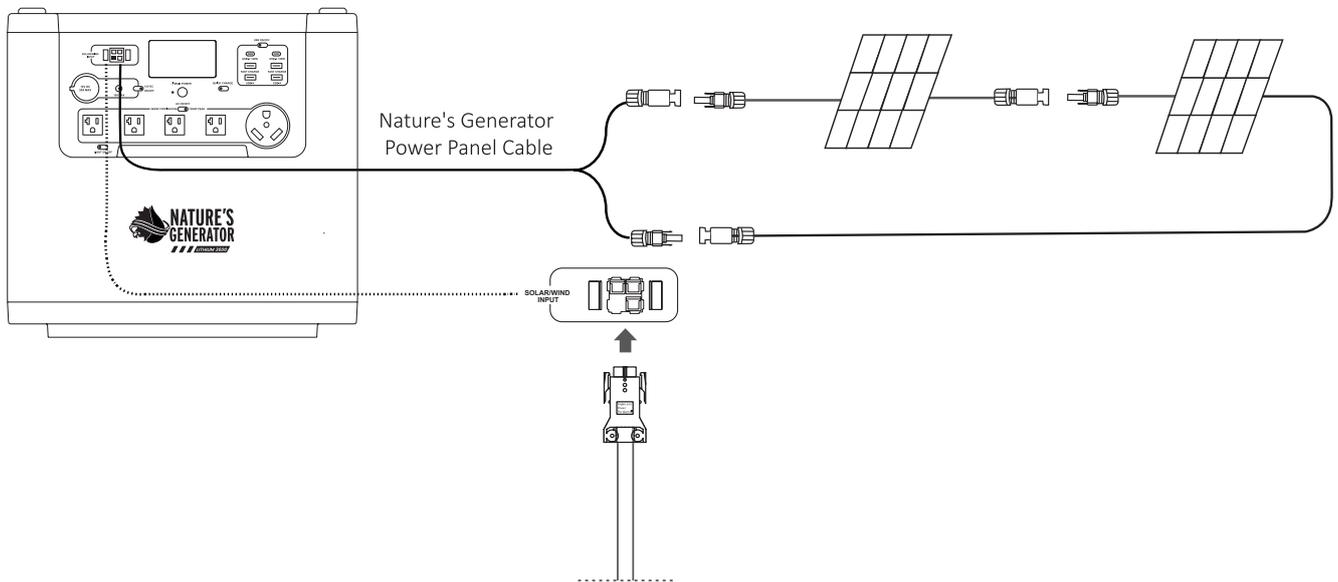
2.4.1 Recharging from Nature's Generator 100W Power Panels (sold separately):

- Place your Nature's Generator 100W 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 Nature's Generator Lithium 3600 during hazy or overcast sky conditions.
- Connect the Nature's Generator 100W Power Panels as the diagram below.
- Insert solar panel plug into Solar/Wind Port of your Nature's Generator Lithium 3600. The LCD display will show the recharging time and the input wattage.

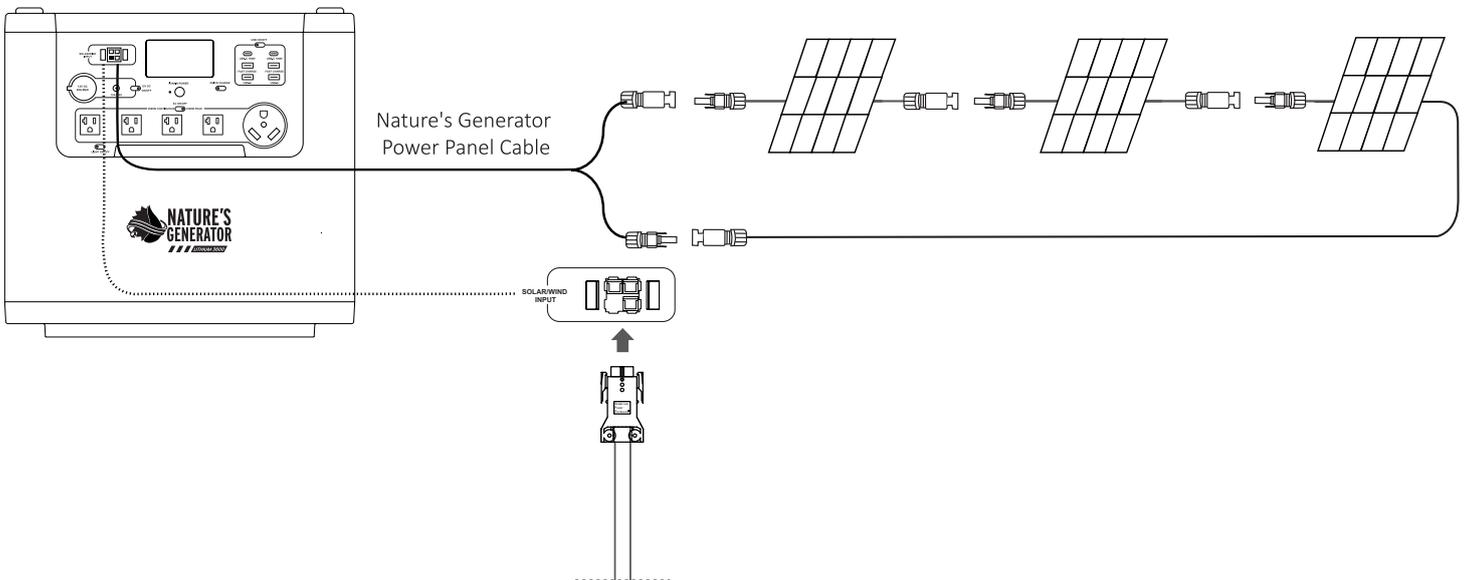


The solar panel connections might generate high DC voltages. Contact qualified personnels to install or maintain the solar panels.

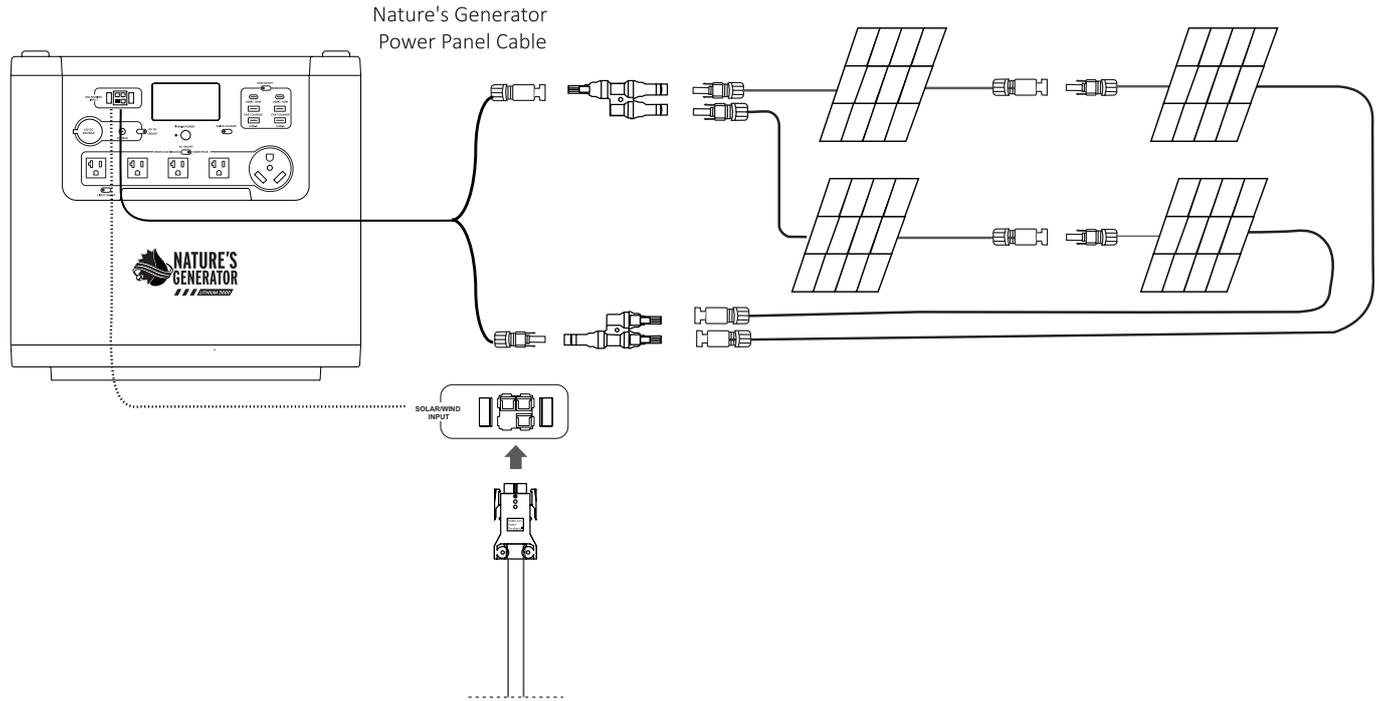
Two 100W Power Panels



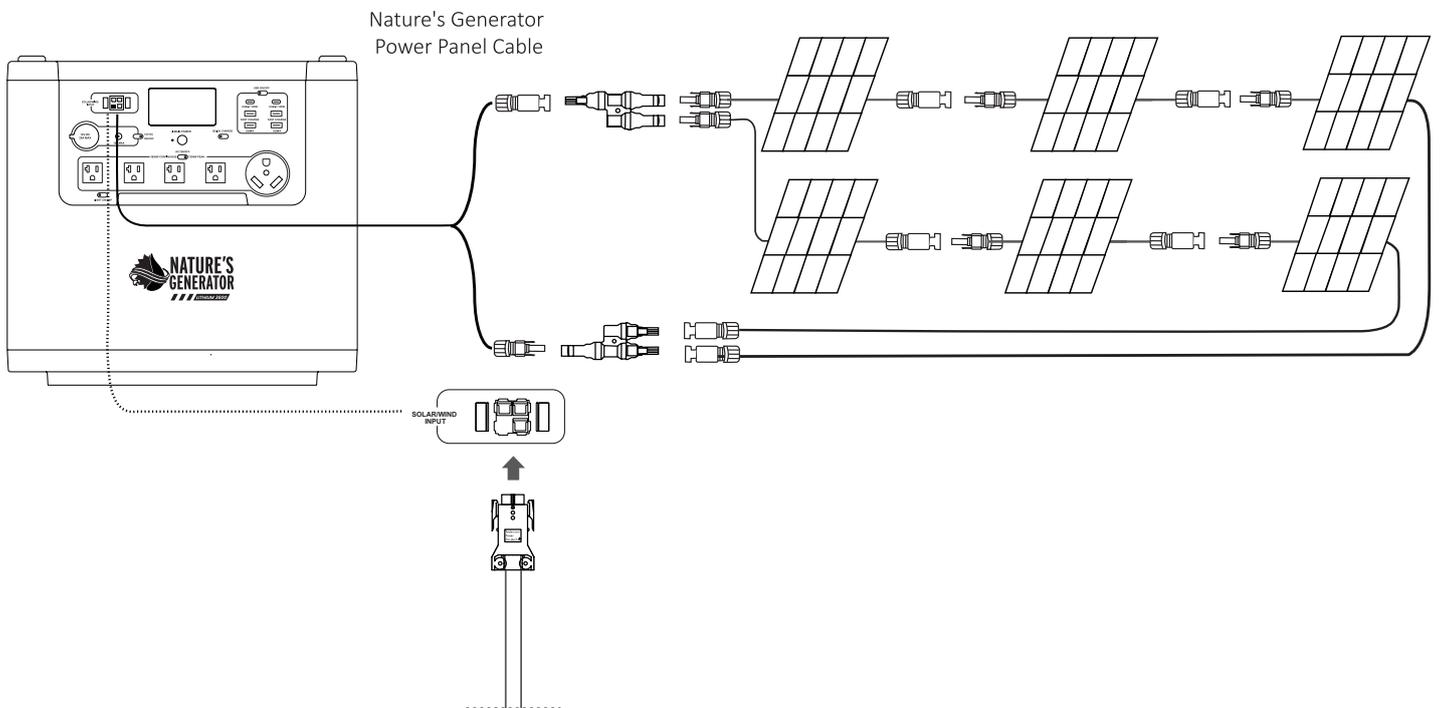
Three 100W Power Panels



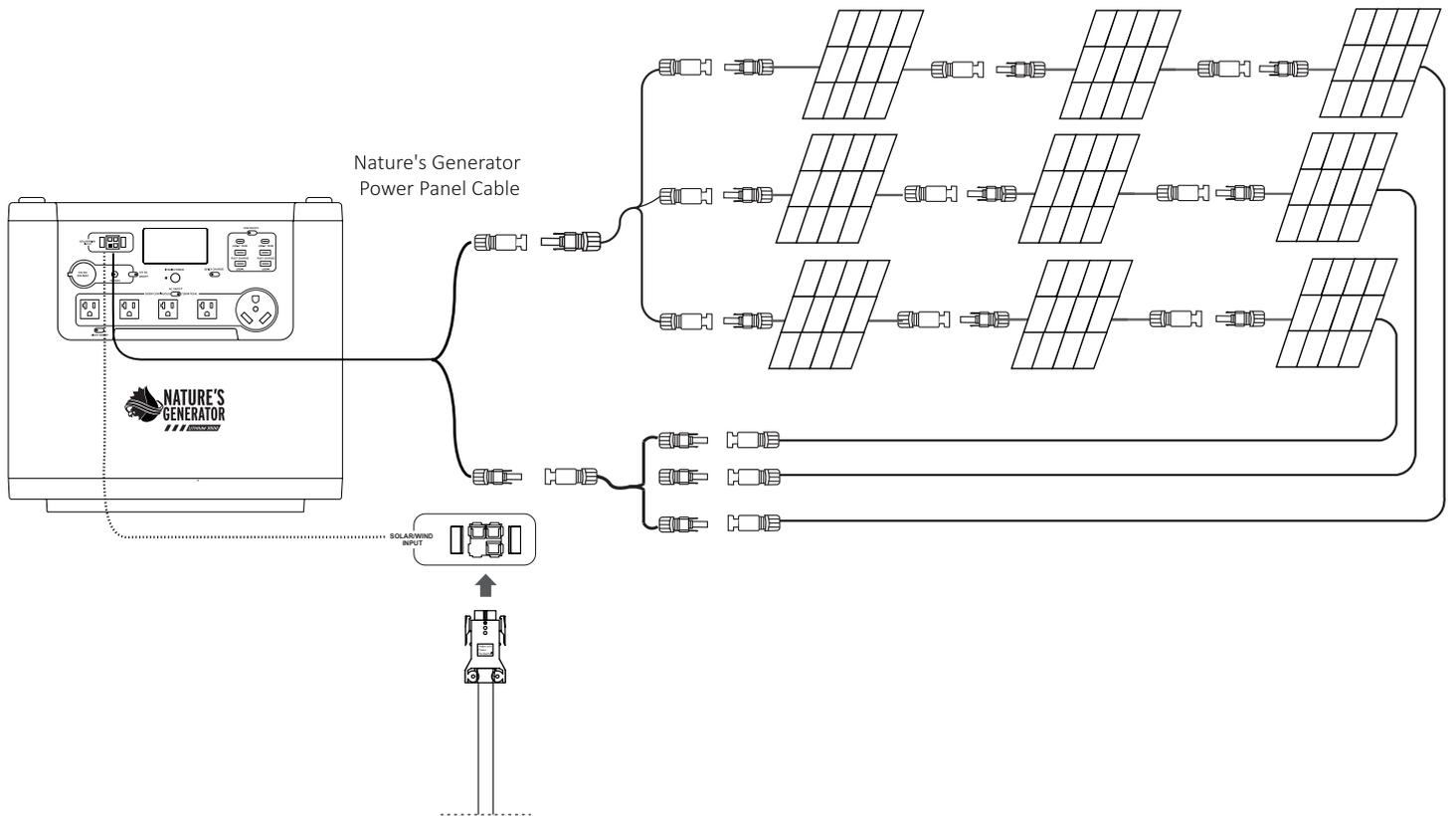
Four 100W Power Panels



Six 100W Power Panels



Nine 100W Power Panels



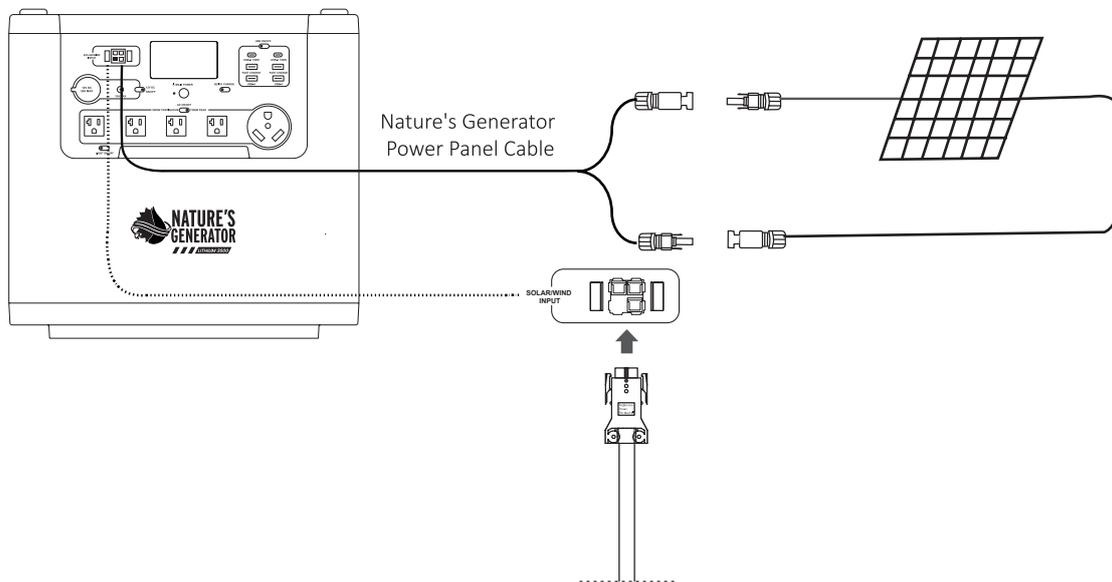
2.4.2 Recharging from Nature's Generator 410W Solar Panels (sold separately):

- Place your Nature's Generator 410W Solar 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 Nature's Generator Lithium 3600 during hazy or overcast sky conditions.
- Connect the Nature's Generator 410W Solar Panel(s) as the diagram below.
- Insert solar panel plug into Solar/Wind Port of your Nature's Generator Lithium 3600. The LCD display will show the recharging time and the input wattage.

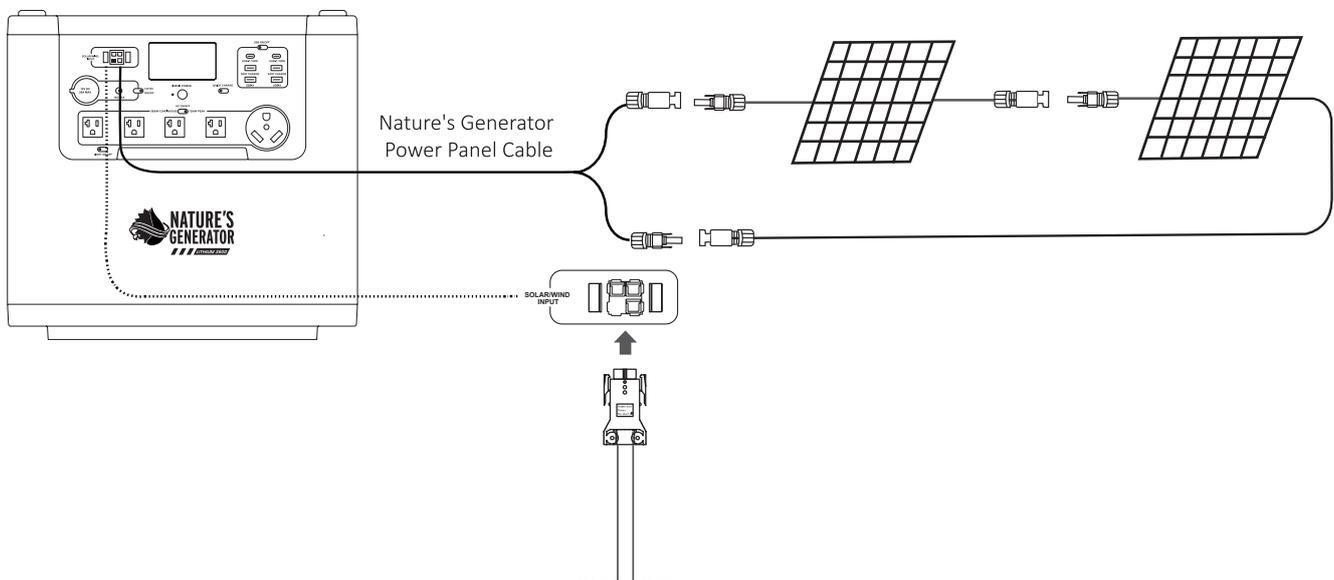


The solar panel connections might generate high DC voltages. Contact qualified personnels to install or maintain the solar panels.

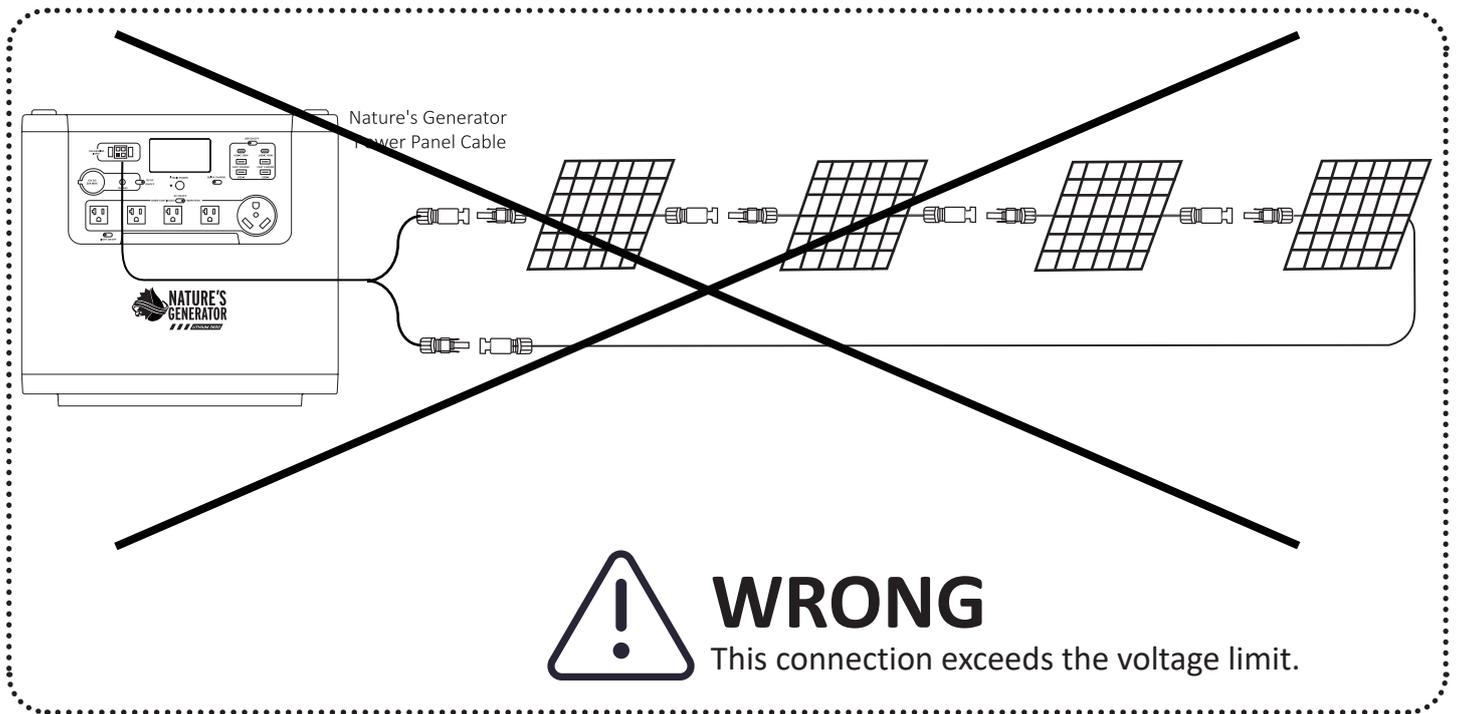
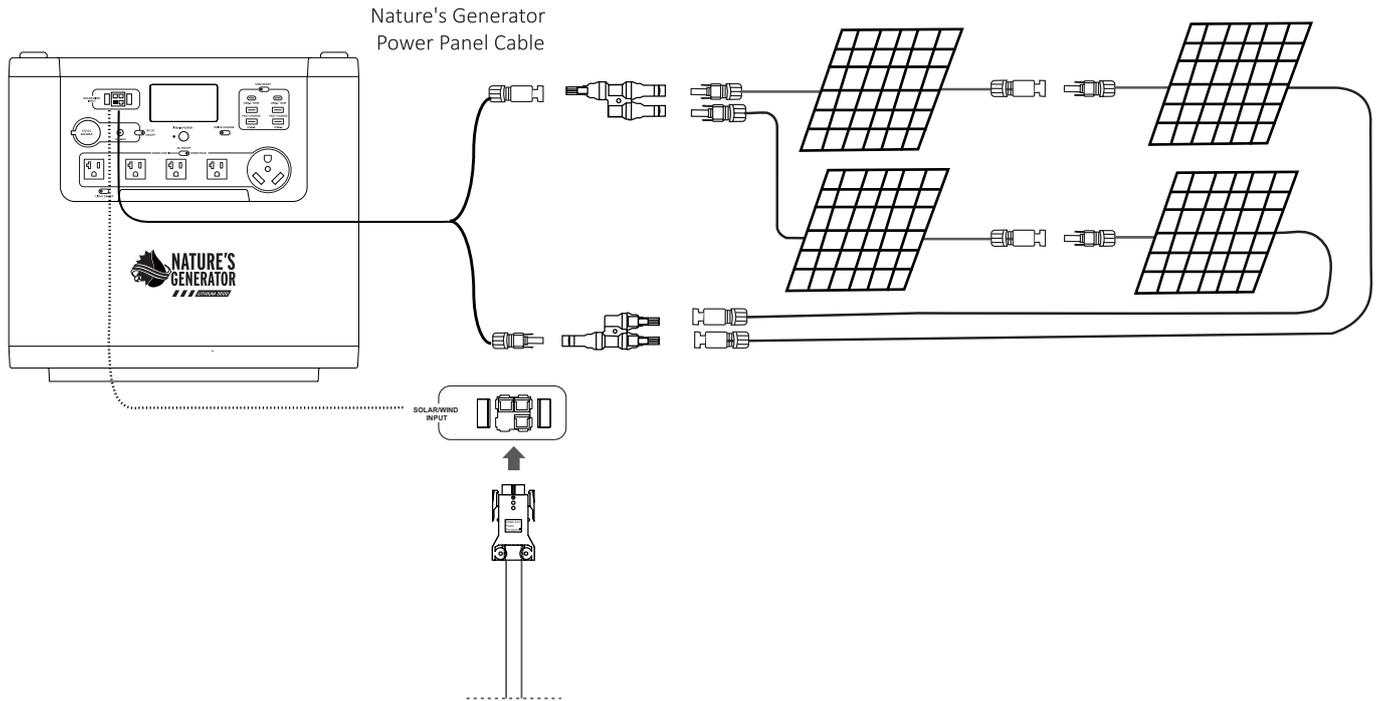
One 410W Solar Panel



Two 410W Solar Panels

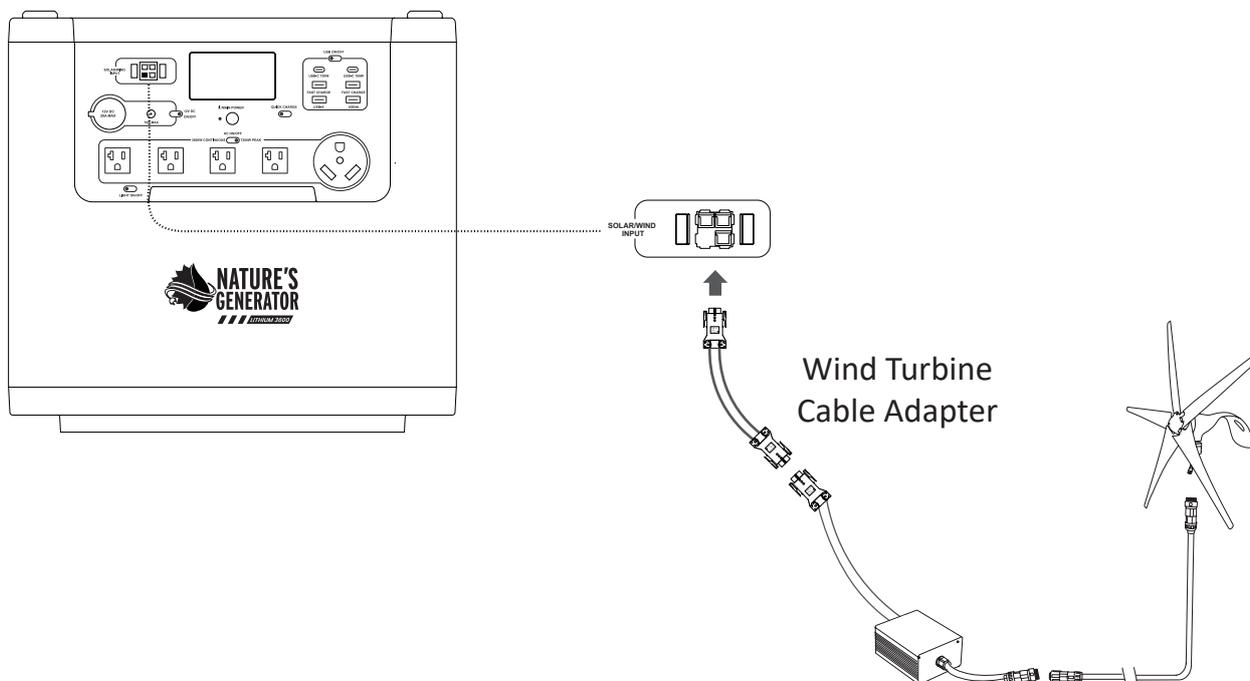


Four 410W Solar Panels



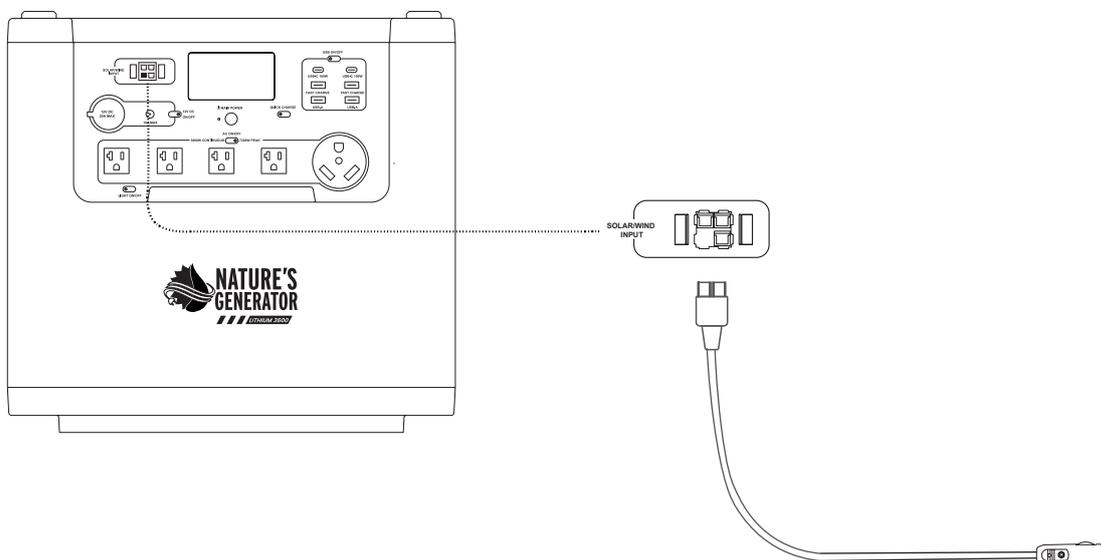
2.4.3 Recharging from Nature's Generator Wind Turbine (sold separately):

- a. Place your Nature's Generator Wind Turbine where it will get sufficient wind.
- b. Follow the instructions on the manual of Nature's Generator Wind Turbine to set up the wind turbine.
- c. Connect the wind turbine cable to the Wind Turbine Cable Adapter (sold separately).
- d. Connect the cable adapter into Solar/Wind port of your Nature's Generator Lithium 3600. You will know it is recharging when LCD display lights up, recharging indicator icon is illuminated, and Battery Level Bar starts running.



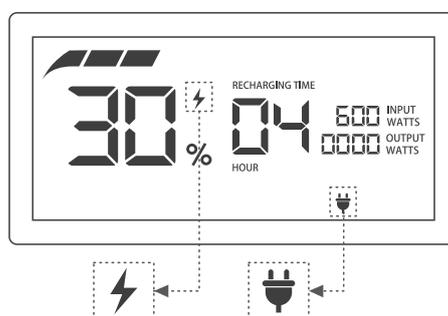
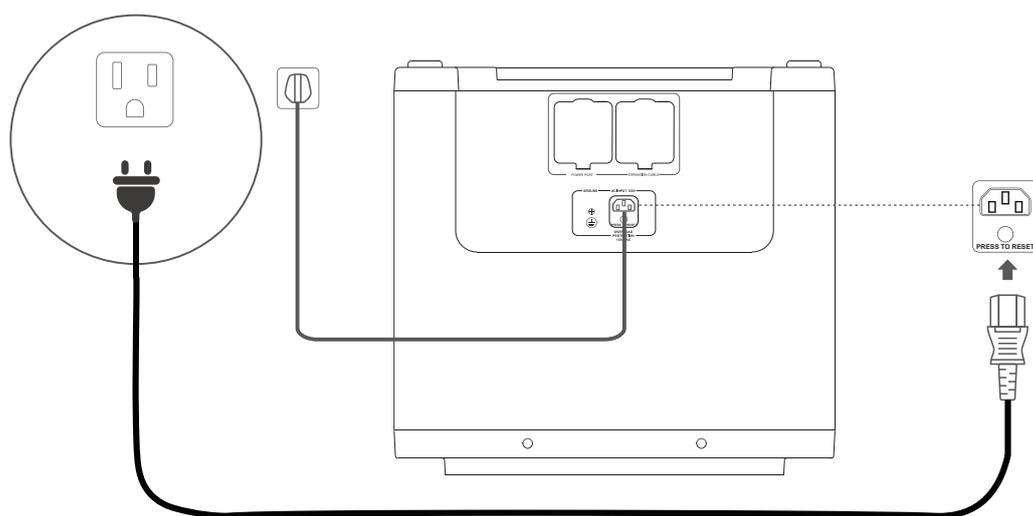
2.4.4 Recharging from the car by car charger (sold separately).

- a. Insert the car charger's plug into the Solar/Wind port of Nature's Generator Lithium 3600.
- b. Connect the other end of the car charger into the cigarette lighter port of the car. Make sure all contacts are firm. The LCD display will show the recharging time and the input wattage.
- c. The engine should be running while recharging Nature's Generator Lithium 3600, so the car battery will not be depleted.

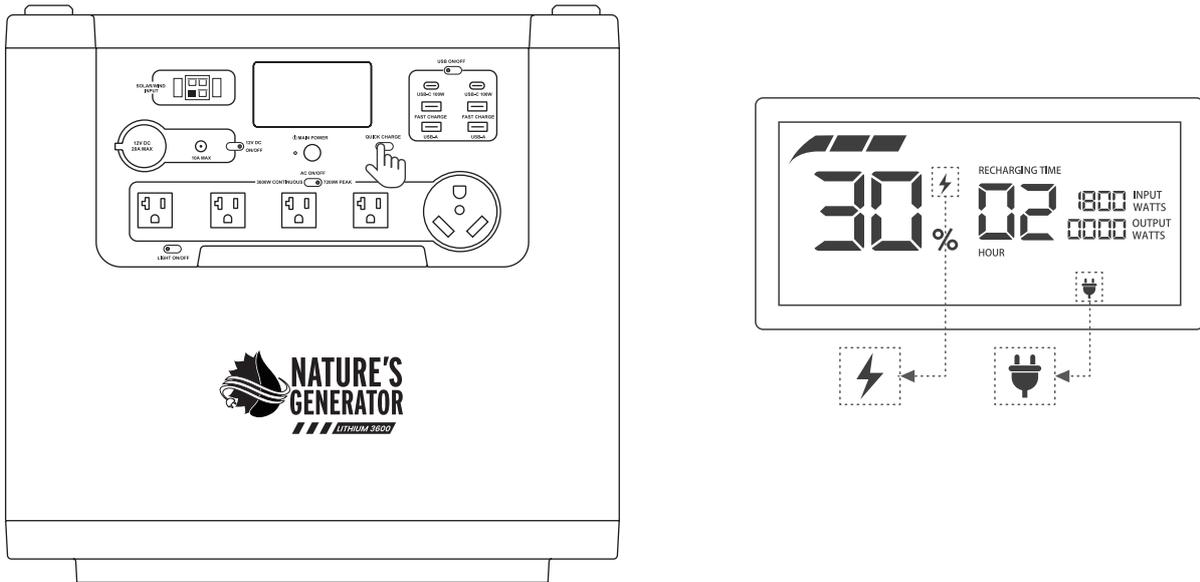


2.4.5 Recharging from the wall outlet.

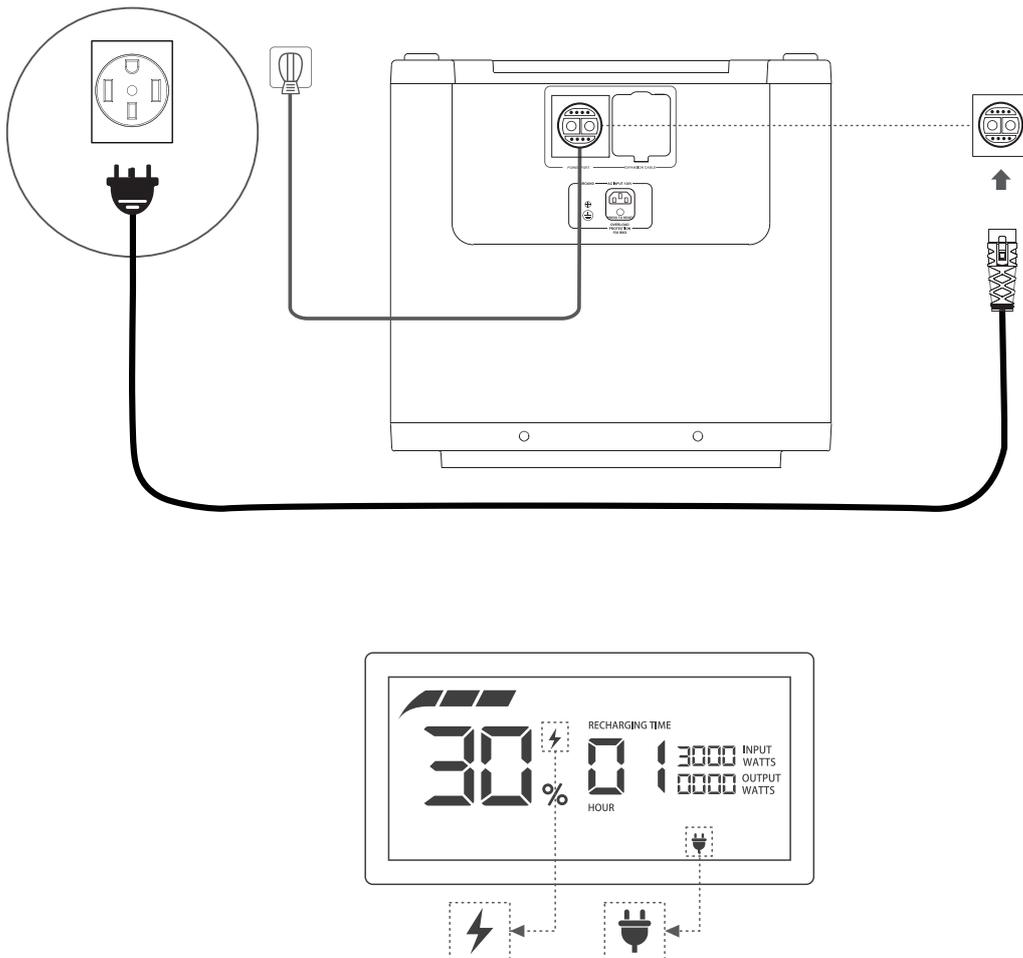
- Insert the power cord to the AC Input Port of the Nature's Generator Lithium 3600.
- Plug the other end of the power cord into the wall outlet. The LCD display will show the recharging time and the input wattage.
- Nature's Generator Lithium 3600 has built-in the intelligent fast charging technology that will prioritize to use the free energy from solar panels or wind turbine if they simultaneously charge Nature's Generator Lithium 3600 with the wall outlet.



d. Press the Quick Charge Button to increase the charging speed from 600W to 1800W.



e. You can use Super Charge Cable (sold separately) to charge Lithium 3600 at 3000W.



Insert and remove the Power Port and Expansion Port only when the Nature's Generator Lithium 3600 is powered off.

2.5 Power Relay Mode

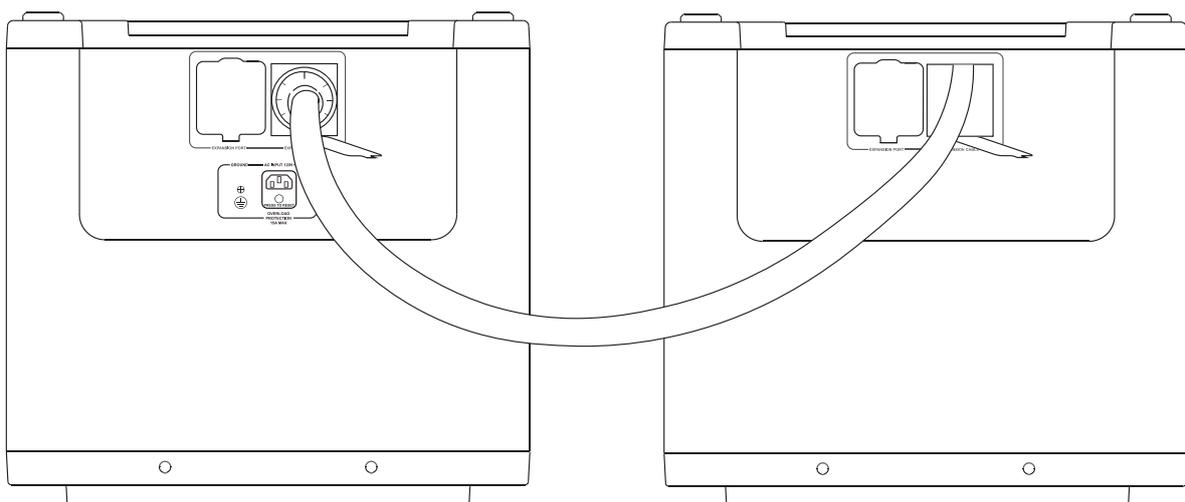
You can recharge your Nature's Generator Lithium 3600 by wall outlet and power your devices at the same time. By doing so, your Nature's Generator Lithium 3600 turns into power relay mode and your devices will receive power directly from the wall outlet. If the power goes out suddenly, your Nature's Generator Lithium 3600 will supply power to your connected AC devices within 10ms (milliseconds). Please check the specifications of your device for the required switching time.

2.6 Expand Your Nature's Generator Lithium 3600

2.6.1 Extend the run time:

You can extend the run time of your Nature's Generator Lithium 3600 by connecting to Nature's Generator Lithium 3600 Power Pod (sold separately). Visit naturesgenerator.com to purchase a Nature's Generator Lithium 3600 Power Pod.

- a. **IMPORTANT!** Please make sure the AC outlets are turned off!
- b. Open the top cover of the Nature's Generator Lithium 3600 Power Pod, locate the expansion cable, and run the expansion cable out of Nature's Generator Lithium 3600 Power Pod through the opening on the back of the Nature's Generator Lithium 3600 Power Pod.
- c. Locate the Expansion Port on the back of your Nature's Generator Lithium 3600 and open the rubber cover.
- d. Connect the expansion cable to the expansion port.
- e. The Daisy Chain Status LED on the Nature's Generator Lithium 3600 Power Pod will be illuminated to indicate it is connected.

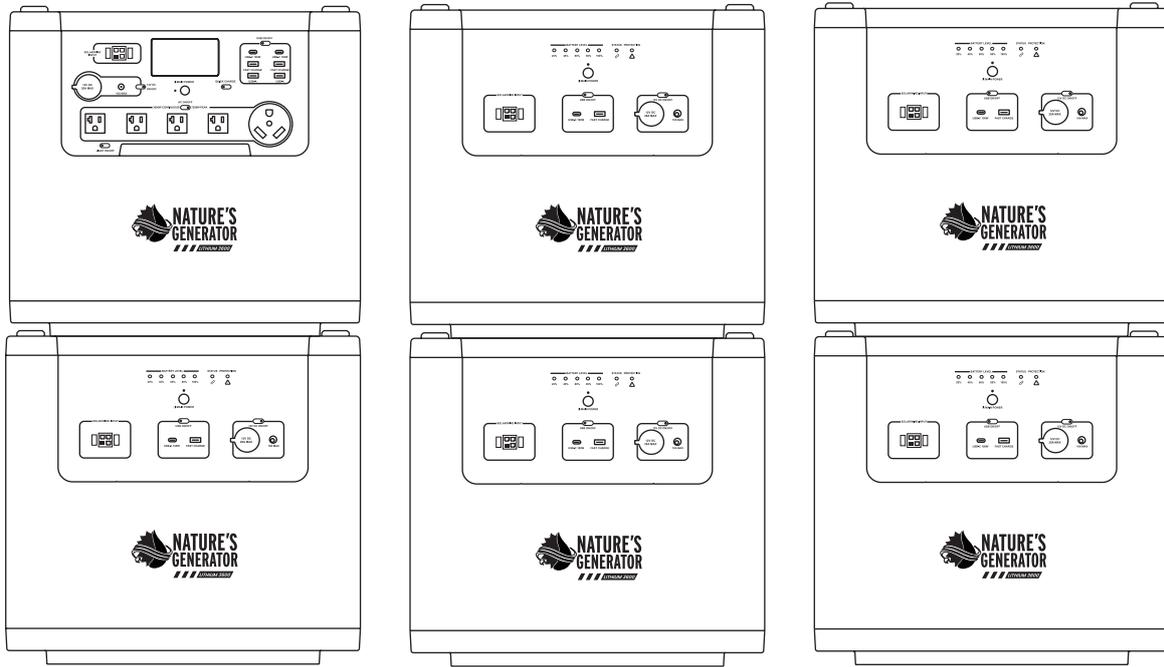


Nature's Generator Lithium 3600

Nature's Generator Lithium 3600 Power Pod

Insert and remove the Power Port and Expansion Port only when the Nature's Generator Lithium 3600 and Nature's Generator Lithium 3600 Power Pod is powered off.

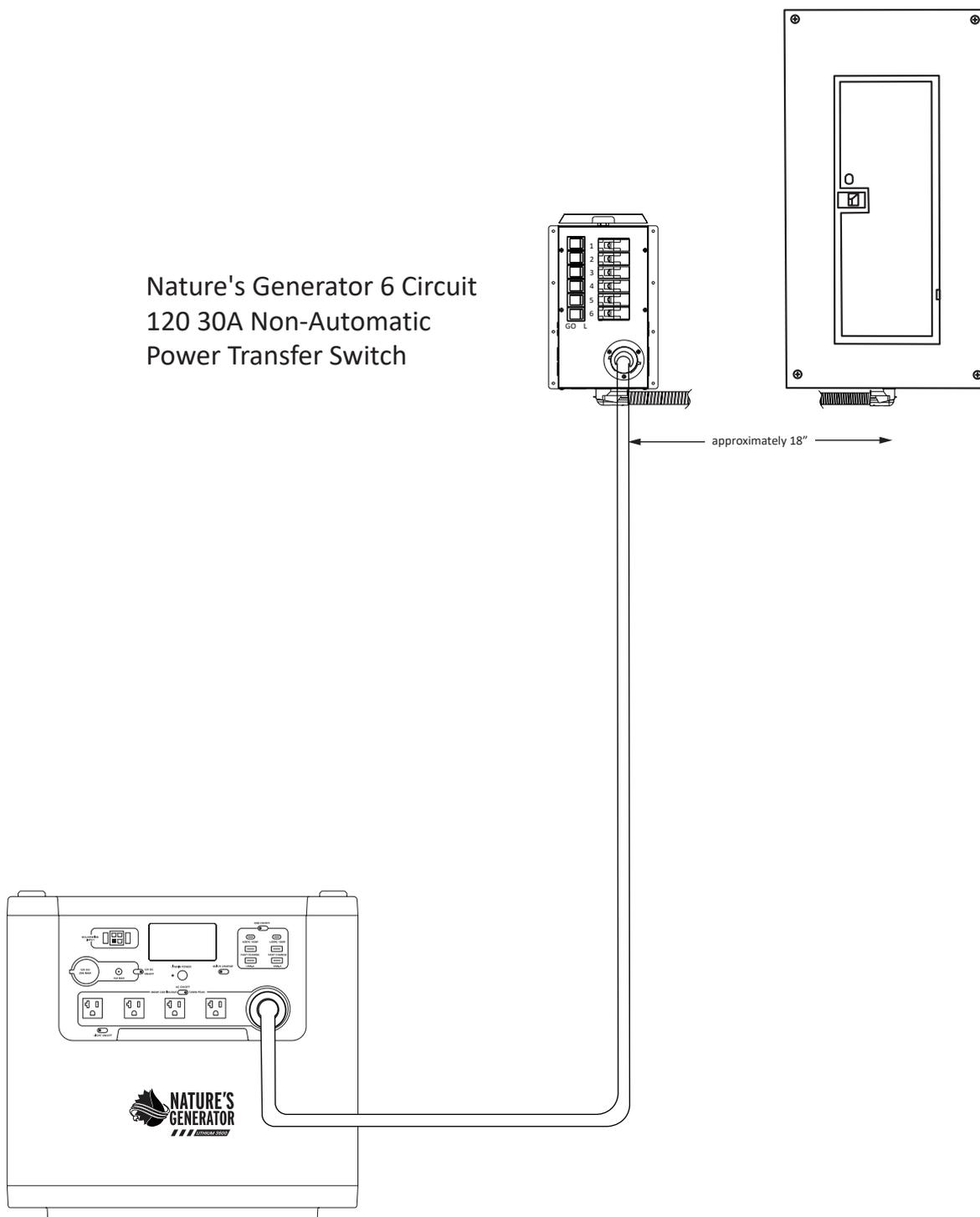
You will experience an increased 100% of the run time by adding one Nature's Generator Lithium 3600 Power Pod, 200% by adding two Nature's Generator Lithium 3600 Power Pods and 300% by adding three Nature's Generator Lithium 3600 Power Pods. You can connect up to 5 Nature's Generator Lithium 3600 Power Pods.



Maximum 5 Power Pods

2.6.2 Expand the Connections by Transfer Switch:

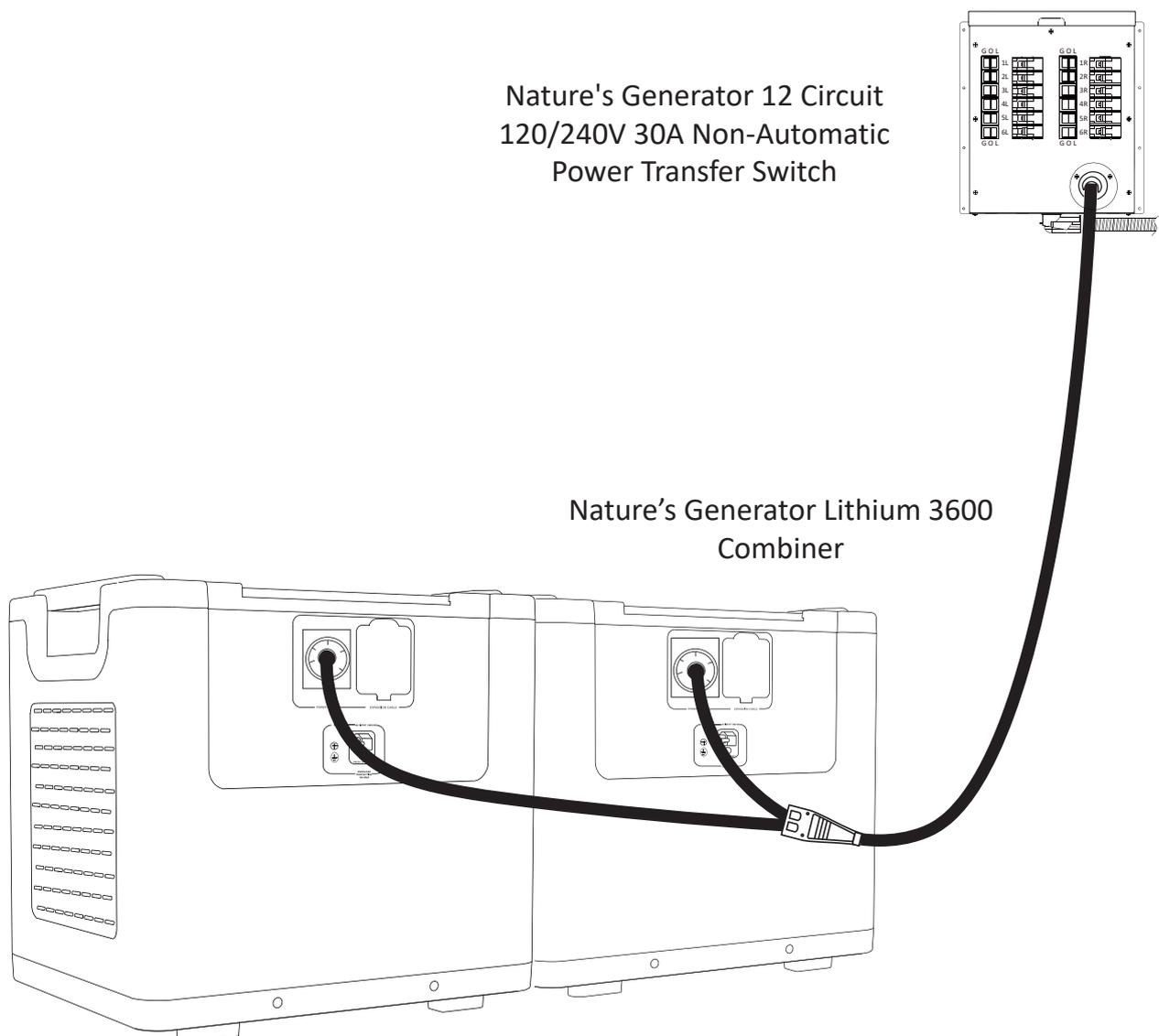
You can expand the connections by using Nature's Generator 6 Circuit 120V 30A Non-Automatic Transfer Switch (sold separately) . Refer to the transfer switch manuals for the setup.



2.6.3 Expand the Power:

You can expand the power from 120V/3600W to 240V/7200W by connecting to another Nature's Generator Lithium 3600 by the Nature's Generator Lithium 3600 Combiner (sold separately).

- a. **IMPORTANT!** Please make sure the AC outlets are turned off!
- b. Connect one end of the Nature's Generator Lithium 3600 Combiner to the Power Port on the back of the Nature's Generator Lithium 3600.
- c. Repeat the same steps on the other Nature's Generator Lithium 3600.
- d. Press the Main Power buttons and AC On/Off Buttons to turn on the AC outlets of both Nature's Generator Lithium 3600s.
- e. Plug in your AC devices to the other end of the Nature's Generator Lithium 3600 Combiner. You will receive 240V30A 7200W power from the combiner by combining the two Nature's Generator Lithium 3600s.
- f. The Nature's Generator Lithium 3600 Combiner can also connect to Nature's Generator transfer switch (sold separately). By doing so, you can back up certain circuits of your home power load center.



2.7 Maintain and Store Your Nature's Generator Lithium 3600

Turn off the main power and AC outlets when your Nature's Generator Lithium 3600 is not in use. Recharge your Nature's Generator Lithium 3600 once every six 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 Lithium 3600 by these steps can result in battery damage which will void the product warranty.

Clean your Nature's Generator Lithium 3600 with a soft, lint-free cloth. If your Nature's Generator Lithium 3600 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 Lithium 3600 with the cloth, followed by a clean dry cloth to wipe down you Nature's Generator Lithium 3600.

3.0 Troubleshooting

3.1 My solar panels cannot recharge my Nature's Generator Lithium 3600.

Please follow these steps.

- a. If you are not using Nature's Generator solar panels, make sure the other solar panels have similar specifications.
- b. Make sure the power panels are pointed directly towards the sun. The solar panels may produce little or no power if they are placed in the shade.
- c. Check the cable connections on Nature's Generator solar panels and your Nature's Generator Lithium 3600. Make sure all the connectors are properly secured.
- d. Follow the solar panel layout diagrams on this manual and make sure do not exceed its charging capacity. If the LCD display shows protection code E10 or E11, it means the solar panel layout is not correct.

3.2 My wind turbine cannot recharge my Nature's Generator Lithium 3600.

Please follow these steps.

- a. If you are not using Nature's Generator Wind Turbine, make sure the other wind turbine has similar specifications.
- b. Make sure there is sufficient wind that spins the wind turbine fast enough. The wind turbine must spin fast enough to generate high enough voltage to recharge Nature's Generator Lithium 3600.
- c. Check the cable connections on your Nature's Generator Wind Turbine and Nature's Generator Lithium 3600. Make sure all the connectors are properly secured.
- d. If possible, use the power drill to turn the rotor shaft of the wind turbine to do a simulation test. Set the power drill at high speed mode and use the appropriate drive bit to turn the rotor shaft of the wind turbine. If the wind turbine is good, it should recharge Nature's Generator Lithium 3600.

3.3 My wall outlet cannot recharge my Nature's Generator Lithium 3600.

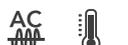
Please follow these steps.

- a. Make sure there is power from the wall outlet that Nature's Generator Lithium 3600 is connected to.
- b. Check your power cable connectors and make sure all the connectors are properly secured.
- c. Check if there is any protection code on the LCD display. If it shows the protection code of E4 or E5, it means the power from the wall outlet is abnormal. You need to use another power source.

3.4 My Nature's Generator Lithium 3600 does not power my AC device(s).

Please follow these steps:

- Verify your AC devices are suitable for use with your Nature's Generator Lithium 3600. The Nature's Generator Lithium 3600 works with 120V 30A 3600W maximum.
- Some devices might require grounding before they can be used. Ground Nature's Generator Lithium 3600 before trying to power these types of devices.
- Some devices might draw far more than 3600W when starting up, even if their running wattage is less than 3600W. Check that device's manual to obtain more information.
- Make sure the main power is turned on by pressing and holding the Main Power Button.
- Make sure the AC outlets are turned on by pressing the AC On/Off Button.
- Check if there is any protection code on the LCD display and follow the solutions below to solve the issue.

Protection Codes	Solutions
  Icon flashes. Icon stays on.	The inverter is protected. Remove the connections from all the input ports and output ports. Restart Nature's Generator Lithium 3600.
  Icon flashes. Icon stays on.	The battery is protected. Remove the connections from all the input ports and output ports. Restart Nature's Generator Lithium 3600.
  Icon flashes together. Icon stays on.	The inverter is protected from over loading. Remove the connections from all the input ports and output ports. Restart Nature's Generator Lithium 3600.
  Icon flashes together. Icon stays on.	The inverter is protected from high temperature. Make sure the fan is not blocked and place Nature's Generator Lithium 3600 in a cool location for 2 hours. Restart Nature's Generator Lithium 3600.
  Icon flashes together. Icon stays on.	The inverter is protected from high current load. Make sure the AC device is suitable for Nature's Generator Lithium 3600. Remove the connections from all the input ports and output ports. Restart Nature's Generator Lithium 3600.
  Overload Circuit Breaker pops up.	The inverter is protected from overload in power relay mode. Remove the connections from all the input ports and output ports. Press the Overload Circuit Breaker. Restart Nature's Generator Lithium 3600.
	The battery is protected from high voltage. Discharge Nature's Generator Lithium 3600 by 12V DC port or USB ports.
	The battery is protected from low voltage. Recharge Nature's Generator Lithium 3600 by wall outlet, solar panels or wind turbine.
	The inverter is protected. Remove the connections from all the input ports and output ports. Restart Nature's Generator Lithium 3600.
	The inverter is protected. Remove the connections from all the input ports and output ports. Restart Nature's Generator Lithium 3600.

3.5 My Nature's Generator Lithium 3600 battery drains fast.

Please follow these steps.

- a. 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.
- b. When your AC device is not in use, turn off AC outlets of your Nature's Generator Lithium 3600 to conserve power. The AC outlets consume a considerable amount of power even while nothing is connected to the AC outlets.
- c. When Nature's Generator is not in use, press and hold the Main Power Button to turn off the main power to eliminate unnecessary battery drainage.

4.0 Technical Specifications

Battery:

Type: Lithium Iron Phosphate (LiFePO4)
Capacity: 51.2V 60Ah (3072Wh)
Life Cycles: > 3000 cycles
Self-discharge: Recommend to recharge every 6 months

Inverter:

Output Continuous Power: 3600W
Output Peak Power: 7200W
Output Voltage: 120V single phase
Output Frequency: 60Hz
Output Power Form: pure sine wave
Output Outlets: 5 totally

Ports:

USB-A Ports: 5V 2.4A 12W per port
USB-A Fast Charge Ports: 20V 3A 60W per port.
USB-C Ports: 20V 5A 100W per port
12V DC Socket: 12V 10A 120W
12V DC Barrel: 12V 10A 120W
Expansion Port: Built-in

Charges:

AC Charger: 600W, 1800W, 3000W
Solar Charger: 2400W
Wind Charger: 150W (shared port)
Charge mode: MPPT

General:

Dimensions: 18.5 x 14.0 x 17.6 inches (469*356*446mm)
Optimal Operating temperature: 68 – 86°F (20 – 30°C)
Storage Temperature: 14 – 113°F (-10 – 45°C)
Charging Temperature: 32 – 113°F (0 – 45°C)
Discharging Temperature: 14 – 113°F (-10 – 45°C)
Weight: 97 lbs (44 kg)

5.0 Notice

Nature's Generator products, services, and features are subject to the agreed-upon terms and conditions during purchase. Please note that some products, services, or features described in this manual may not be available under your purchase contract. Unless otherwise specified in the contract, Nature's Generator makes no representations or warranties of any kind, express or implied, with respect to the contents of this manual.

The contents of this manual are subject to change without notice. Please get the latest version from: <https://naturesgenerator.com/pages/help-center> If you have any questions or concerns about this manual, please contact Nature's Generator support for further assistance.

6.0 WARRANTY & RETURNS

6.1 Limited Warranty

Natures Generator Inc. warrants to you, the original purchaser/owner of the product purchased and used in the United States, that all products shall be free of defects in the original manufacture of the materials or workmanship from the original date of delivery through the specific "Warranty Period" -- with each product's warranty period specifics set forth herein.

Nature's Generator warrants the product(s) purchased directly online from Nature's Generator or from a Nature's Generator authorized dealer/reseller (in its original packaging and with its warranty statement inside) against defects in materials and workmanship when used in accordance with the product's Nature's Generator User Manual, technical specifications, and other Product published guidelines during the specific product's Warranty Period stated below starting from the date of delivery to the original purchaser/owner.

The exclusive remedies available under this Limited Warranty are product repair or replacement which can only be performed by Nature's Generator or an approved dealer. To receive warranty service, the purchaser/owner must contact Nature's Generator customer service for issue-determining troubleshooting and to ensure the owner understands all of the service procedure steps.

6.2 Limited Warranty Coverage for Specified Products:

6.2.1 For all Nature's Generator Portable Generators or the Whole-home Powerhouse Generators or Solar Panels or Wind Turbines or Accessories: Warranty Coverage Period for:
Twelve (12) Months: Shipping, Parts and Labor.

6.2.2 For Nature's Generator Whole-home MyGrid 10K System: Warranty Coverage Period is for Thirty-six (36) months with:
Months 1-12: Shipping, Parts & Labor
Months 13-36: Parts Only.

6.2.3 For Nature's Generator Transfer Switches: Warranty Coverage for sixty (60) Months with:
Months 1-12: Shipping, Parts and Labor.
Months 13-24: Parts & Labor
Months 25-36: Parts Only
Months 37-60: Major Parts Component*
(*i.e. Contactors, Controlling Modules.)

6.3 Warranty Guidelines:

6.3.1 Warranty begins upon delivery of the product to the purchaser/owner.

6.3.2 Unit must be registered and have proof of purchase available.

6.3.3 Any and all applicable warranty repairs and/or concerns must be performed and/or addressed by Nature's Generator.

6.3.4 Nature's Generator will, at its sole discretion, repair or replace any part(s) which, upon evaluation, inspection, and testing by Nature's Generator is found to be defective.

6.3.5 Any equipment the purchaser/owner claims to be defective must be evaluated by Nature's Generator.

6.3.6 Damage to any covered components caused by use of an after-manufacture incompatible part or parts will not be covered by this warranty.

6.3.7 Any damage caused by the owner after receipt of the product is the responsibility of the owner and is not covered by this warranty.

6.3.8 Proof of performance of all required maintenance must be available.

6.3.9 Shipping to and from Nature's Generator for service will only be covered for 12 months and for a product with a manufacturer's defect requiring repair or replacement. If, upon inspection, it is found there is not a manufacturer's defect -- but instead an issue was caused by owner error or maintenance negligence or misuse -- the shipping, parts, and repair labor will be paid by the owner.

6.4 What does this Warranty Cover?

This Limited Warranty is conditioned on proper use of the product.

During the Warranty Period, if the original manufacture of the materials or workmanship of the product is determined to be defective by an authorized dealer or Natures Generator, then Natures Generator will at its sole discretion: (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 Natures Generator Inc. and are not returned. If service of products or parts are required after the Warranty Period expires, the product owner must pay all shipping, parts and labor charges. This warranty lasts as long as the original purchaser owns the product during the Warranty Period. Warranty coverage terminates if the original owner sells or otherwise transfers the product. As far as applicable law allows, the Warranty Period will not be extended or renewed or otherwise affected due to subsequent exchange, repair, or replacement of the Product. Product or part(s) repaired or replaced during the Warranty Period will be warranted for the remainder of the original Warranty Period from the date of repair or replacement.

6.5 The following will NOT be covered by this warranty:

6.5.1 Costs of normal maintenance.

6.5.2 Normal wear and tear including, without limitations, wear and tear of batteries which are consumables.

6.5.3 Damage to product caused by accidents, handling, or incorrect storage.

6.5.4 Damage/failures caused by operation with loads or installations other than what is recommended or specified by Nature's Generator.

6.5.5 Unauthorized modification/misapplication will not be warranted unless authorized by Nature's Generator in writing.

6.5.6 Damage to any covered components or consequential damages caused by the use of a non-compatible part(s) or noncompliance with Product instructions.

6.5.7 Failures due to normal wear and tear, rough handling, accident, misuse, abuse, negligence, improper installation, incorrect sizing, as well as fire, water, lightning or other acts of nature.

6.5.8 Damage related to rodent, reptile, and/or insect infestation.

6.5.9 Diagnostics or repairs performed by individuals other than Nature's Generator or not authorized in writing by Nature's Generator.

6.5.10 Damage that occurs because the product was not properly installed and/or was installed in a location that is not protected from weather if the product's user manual so directs.

6.5.11 Failures caused by any force majeure (act of God) or external cause including, and without limitation, fire, theft, freezing, war, lightning, earthquake, windstorm, hail, water, tornado, hurricane, or any other matters which are reasonably beyond the manufacturer's control.

6.5.12 Shipping costs associated with expedited shipping.

6.5.13 Any incidental, consequential, or indirect damages caused by defects in materials or workmanship, or any delay in repair or replacement of the defective part(s).

6.5.14 Failure to adequately package the product for transportation.

6.5.15 Extreme or external causes beyond the manufacturer's reasonable control including but not limited to failures or surge fluctuations in electrical power or failures to wireless networks or environmental electromagnetic interference or damaging solar flares.

6.5.16 Connection to improper power supply or faulty home wiring.

6.5.17 Any product with a warranty period that has expired.

6.6 Please note that the Limited Warranty does not cover the following:

- Cosmetic damage
- Damage due to force majeure, such as lightning strikes, fire, flood, etc..
- Accident
- Misuse
- Abuse
- Negligence
- Modification of any part of the product
- Damage due to incorrect operation or maintenance

- Connection to an incorrect voltage supply or faulty house wiring
- Refurbished products
- Consumables, such as batteries
- Products where the factory applied serial number has been altered or removed.

For these cases, repair labor fee, plus the cost of the part(s) to be replaced, and shipping will be charged to the customer.

REPAIR OR REPLACEMENT AS PROVIDED UNDER THIS WARRANTY IS THE PURCHASER/OWNER'S 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: LOSS OR CORRUPTION OF DATA, LOSS OF USE OF PRODUCTS OR FUNCTIONALITY, LOSS OF BUSINESS, LOSS OF CONTRACTS, LOSS OF PROFITS, LOSS OF REVENUES, LOSS OF ANTICIPATED SAVINGS, INCREASED COSTS OR EXPENSES FOR ANY INDIRECT LOSS OR DAMAGE OR ANY CONSEQUENTIAL LOSS OR DAMAGE OR ANY SPECIAL LOSS OR DAMAGE WITH RESPECT TO THE PRODUCT. ALL EXPRESS AND IMPLIED WARRANTIES FOR THE PRODUCT INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTIES ARE LIMITED IN DURATION TO THE SPECIFIC PRODUCT WARRANTY PERIODS AND TERMS SET FORTH HEREIN. NO WARRANTIES, WHETHER EXPRESS OR IMPLIED, WILL APPLY AFTER THE WARRANTY PERIOD ENDS. THIS WARRANTY SUPERSEDES ALL OTHER WARRANTIES EXPRESS OR IMPLIED. SPECIFICALLY, NATURE'S GENERATOR MAKES NO OTHER WARRANTIES AS TO THE MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. PURCHASER'S SOLE AND EXCLUSIVE REMEDY AND NATURES GENERATOR'S ONLY LIABILITY SHALL BE THE REPAIR OR REPLACEMENT OF PART(S) AS SET FORTH HEREIN. IN NO EVENT SHALL NATURE'S GENERATOR BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES, EVEN IF SUCH DAMAGES ARE A DIRECT RESULT OF NATURE'S GENERATOR NEGLIGENCE. SOME JURISDICTIONS DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU. THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS. YOU ALSO MAY HAVE OTHER RIGHTS UNDER APPLICABLE LAW. EXCEPT AS PROVIDED IN THIS WARRANTY, NATURE'S GENERATOR FURTHER DISCLAIMS ANY RESPONSIBILITIES FOR LOSSES, EXPENSES, INCONVENIENCES, OR SPECIAL, INDIRECT, SECONDARY, OR CONSEQUENTIAL DAMAGES ARISING FROM OWNERSHIP AND USE OF THE PRODUCTS. IF ANY WARRANTY TERM IS HELD TO BE ILLEGAL OR UNENFORCEABLE BY LAW, IT WILL BE EXCLUDED FROM THE WARRANTY WITH THE LEGALITY OF THE REMAINING TERMS NOT AFFECTED.

PLEASE NOTE: ALL CLAIMS MADE UNDER THIS LIMITED WARRANTY WILL BE GOVERNED BY THE TERMS SET FORTH IN THIS WARRANTY DOCUMENT AND THIS LIMITED WARRANTY SUPERCEDES ALL PREVIOUS NATURE'S GENERATOR WARRANTY STATEMENTS OR OTHER MARKETING MATERIALS.

6.7 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. 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. Send product to:

NATURES GENERATOR INC
3233 Mission Oaks Blvd
Suite N
Camarillo, CA 93012

Contact Natures Generator Inc:
For customer service please call 1-800-975-7909

