

[Manuals.plus](#) /

› [Nature's Generator](#) /

› Nature's Generator Power Pod 1200Wh Solar Powered Expansion Add-on Pod with 35 inch 4AWG Expansion Cable for Nature's Generator or Another Power Pod HKNGPD

Nature's Generator HKNGPD

Nature's Generator Power Pod 1200Wh Instruction Manual

Model: HKNGPD

INTRODUCTION

The Nature's Generator Power Pod is a solar-powered expansion add-on battery designed to significantly extend the energy storage capacity of your existing Nature's Generator system or another Power Pod. This unit features a built-in 100Ah/1200Wh Sealed Lead-Acid (SLA) battery, providing reliable power for various applications. This manual provides essential information for the safe and efficient setup, operation, and maintenance of your Power Pod.

WHAT'S INCLUDED

- 1 × Nature's Generator Power Pod
- 1 × Accessory Box (for installation on top of Nature's Generator)
- 1 × 35-inch Expansion Cable (located in the top cover of the Power Pod)
- 1 × User Guide (this document)



Figure 1: Nature's Generator Power Pod and its included accessories, including the expansion cable, accessory box, and user manual.

PRODUCT OVERVIEW

The Power Pod is designed for seamless integration with your Nature's Generator. It features a robust build and intuitive interface for ease of use.

Dimensions and Weight

- Dimensions: 18 inches (Length) x 12 inches (Width) x 15 inches (Height)
- Weight: Approximately 92 lbs

Weight: 92 lbs
Type: AGM Sealed Lead Acid
Capacity: 100Ah (1200Wh)
Note: Recommend to recharge it every 4 months



Figure 2: Visual representation of the Power Pod's dimensions (18"L x 12"W x 15"H) and weight (92 lbs).

Front Panel Features

- **LED Battery Fuel Gauge:** Indicates the current battery charge level.
- **Solar Input:** Port for connecting solar panels to recharge the Power Pod.
- **12V DC Outlet:** A standard 12V DC power output.

The LED lights only run when you press the LED Light Button to check battery level.

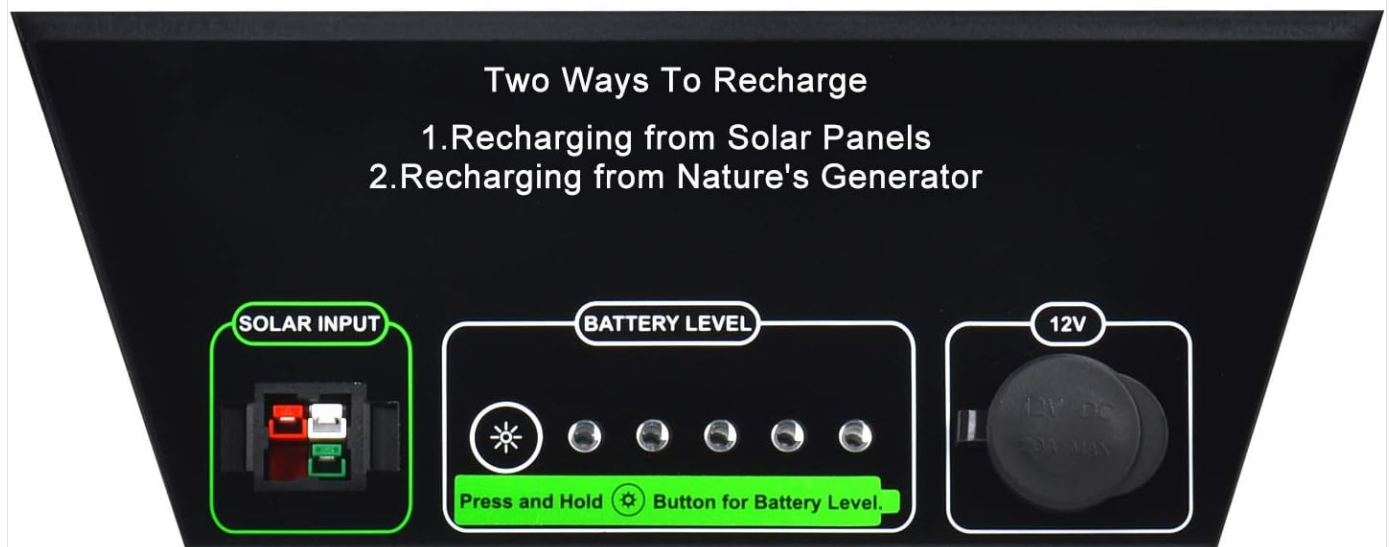
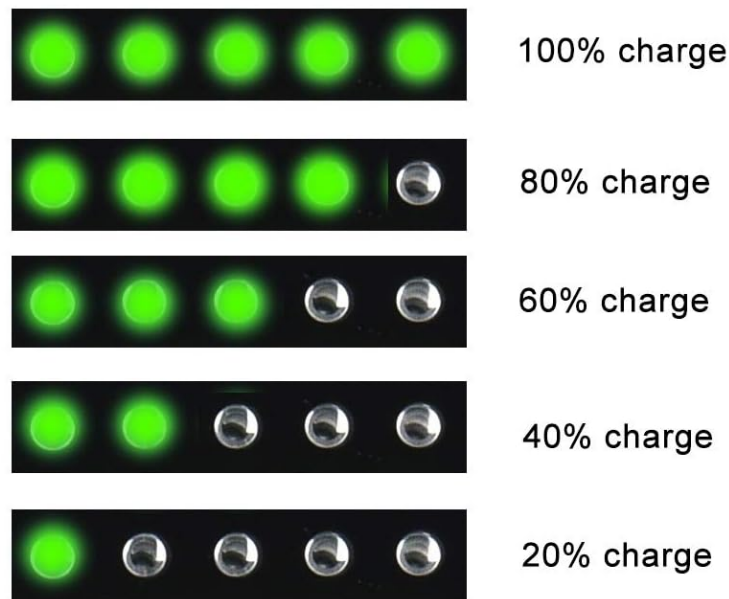


Figure 3: Close-up of the Power Pod's front panel, highlighting the LED battery level indicators and input/output ports.

SETUP AND CONNECTION

Connecting to Nature's Generator

The Power Pod is designed to expand the capacity of your Nature's Generator. An expansion cable is provided for this purpose.

1. Locate the 35-inch expansion cable stored in the top cover compartment of the Nature's Generator Power Pod.
2. Connect one end of the expansion cable to the expansion port located on the back of your main Nature's Generator unit.
3. Connect the other end of the expansion cable to the designated expansion port on the Nature's Generator Power Pod.
4. If desired, use the provided accessory box to securely install the Power Pod on top of your Nature's Generator for a stable, stacked configuration.



There is open space on the top of the connector for the expansion cable.
Expansion cable: 35 inch long expansion cable.



Expansion: Daisy chain connector.



Figure 4: The top compartment of the Power Pod, showing the stored expansion cable and its connection points.

Initial Charging

Before first use, it is recommended to fully charge your Nature's Generator Power Pod. This can be done by connecting it to your main Nature's Generator unit, which can then be charged via solar panels, wind turbines, or an AC power source.

OPERATING THE POWER POD

Once connected to a Nature's Generator, the Power Pod acts as an extended battery, seamlessly providing additional capacity to the overall system. Power output is managed through the main Nature's Generator unit.

Checking Battery Level

Press and hold the button next to the LED battery fuel gauge on the front panel to check the current charge level of the Power Pod.

Recharging Methods

The Power Pod recharges through its connection to the main Nature's Generator unit. The main generator supports multiple recharging methods:

- **Solar Panels:** Connect compatible solar panels to the main Nature's Generator's solar input.
- **Wind Turbine:** Connect a compatible wind turbine to the main Nature's Generator's wind input.
- **AC Power:** Plug the main Nature's Generator into a standard wall outlet.

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Video 1: An overview of the Nature's Generator system, including the Power Pod, demonstrating its features and expandability. This video highlights how the Power Pod integrates with the main generator unit.

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Video 2: This video showcases the Nature's Generator 1800W system, which the Power Pod expands. It illustrates the various power inputs and outputs of the main generator, including solar and wind charging capabilities.

MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your Nature's Generator Power Pod.

- **Recharge Frequency:** Recharge your Nature's Generator Power Pod at least once every four months, even if not in use, to maintain battery health.
- **Storage:** Store the Power Pod in a ventilated, cool, and dry location.
- **Long-Term Storage:** If possible, connect your Nature's Generator Power Pod to a solar panel while in storage to continuously top off the battery voltage and prevent deep discharge.
- **Battery Replacement:** The Power Pod is designed for user-friendly battery replacement. If the internal battery needs to be replaced, simply open the top cover and replace the 12V 100Ah AGM Deep Cycle SLA battery.

TROUBLESHOOTING

This section addresses common issues you might encounter with your Power Pod.

Problem	Possible Cause	Solution
Power Pod not charging.	Loose connection to main generator; main generator not charging; faulty cable.	Ensure expansion cable is securely connected at both ends. Verify the main Nature's Generator is receiving charge from its power source (solar, wind, AC). Inspect the expansion cable for damage.
LED fuel gauge not lighting up.	Button not pressed; battery completely depleted.	Press and hold the button firmly. If still no lights, connect the Power Pod to a charging main generator for an extended period.
Reduced runtime from Power Pod.	Battery degradation; insufficient charging.	Ensure regular recharging (every four months). If the battery is old, consider replacing it.

For further assistance, you can utilize the Nature's Pulse App (if applicable to your main generator model) to monitor your system or contact customer support.

SPECIFICATIONS

Feature	Detail
Model	HKNGPD
Battery Type	12V 100Ah (1200Wh) AGM Deep Cycle SLA Battery
Dimensions (L x W x H)	18 x 12 x 15 inches
Weight	92 lbs
Solar Input	200W max (via main generator connection)
12V DC Socket	20A max
Expansion Port	12V 200A max
Expansion Cable Length	35 inches
Material	Steel, aluminum, and plastic (or rubber)
Manufacturer	Huntkey USA, Inc.

WARRANTY AND SUPPORT

The Nature's Generator Power Pod comes with a**One Year Limited Warranty**. For warranty claims, technical support, or any inquiries, please contact Nature's Generator customer service. You can also visit the official Nature's Generator store on Amazon for more information and accessories[Nature's Generator Store](#).

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