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› **Kohler Encube 1.8kW Portable Inverter Generator Instruction Manual**

Kohler PA-eGEN18iS-3001

Kohler Encube 1.8kW Portable Inverter Generator Manual

Model: PA-eGEN18iS-3001

INTRODUCTION

This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your Kohler Encube 1.8kW Portable Inverter Generator. Please read this manual thoroughly before using the product to ensure proper function and to prevent injury or damage.

Key Features:

- Fuel-free portable power for indoor or outdoor use.
- Safe, silent design with zero emissions.
- Battery inverter technology powers 120V, 12V, and 5V devices.
- Charges from a 120V wall outlet or optional solar panel(s).
- Built-in wheels and telescoping handle for easy portability.
- Digital display shows input, output, runtime, and battery status.

SAFETY INFORMATION

Always observe the following safety precautions to reduce the risk of injury or damage to the generator:

- **Proposition 65 Warning:** This product may contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.
- Do not attempt to modify the generator or its components.
- Ensure proper ventilation when charging, although the unit is designed for indoor use due to its silent, emission-free operation.
- Keep the generator away from water and extreme temperatures.
- Do not block ventilation openings.
- Use only Kohler-approved accessories and replacement parts.

PRODUCT OVERVIEW

Familiarize yourself with the various parts and controls of your Encube generator.



Front Panel: The front of the generator features the digital display, power button, and various output ports including USB 5V, AC 120V, and DC 12V outlets. The top lid opens to reveal these connections and the display.



Rear Panel: The rear of the unit includes the telescoping handle for portability, sturdy wheels, and the solar input terminals (positive and negative) for charging with an optional solar panel.

Digital Display:

The digital display provides real-time information on the generator's status, including:

- Input power (charging status)
- Output power (powering devices)
- Estimated runtime remaining
- Battery charge level

SETUP

Unpacking:

1. Carefully remove the generator and all accessories from the packaging.
2. Verify that all included components are present: battery inverter, 120-V 6-foot power cord, and this operation manual.
3. Inspect the unit for any signs of damage during shipping. Contact customer support immediately if damage is found.

Initial Charging:

Before first use, fully charge the generator using the provided 120V wall outlet power cord. This ensures optimal battery performance and calibration.

1. Connect the 120V power cord to the appropriate input port on the generator.
2. Plug the other end into a standard 120V wall outlet.
3. The digital display will indicate charging status. Allow approximately 12 hours for a full charge from a 120V outlet.

OPERATING INSTRUCTIONS

Turning On/Off:

- To turn on the generator, press and hold the power button located near the digital display until the display illuminates.
- To turn off the generator, press and hold the power button again until the display shuts off.

Connecting Devices:

The Encube 1.8kW generator provides multiple output options:

- **AC 120V Outlets:** For standard household appliances (e.g., laptops, TVs, small refrigerators).
- **DC 12V Outlets:** For automotive or other 12V devices.
- **USB 5V Outlets:** For charging mobile phones, tablets, and other USB-powered devices.

Simply plug your device into the appropriate outlet. The digital display will show the output wattage being used.



POWER APPLIANCES & MOBILE DEVICES

1800W
Max Power

RUN TIMES

REFRIGERATOR : **14 HOURS**

MICROWAVE : **1 HOUR**

COFFEE MAKER : **40-CUPS (8 oz.)**

LAPTOP COMPUTER : **60 HOURS**

ELECTRIC HEATER : **1 HOUR**

Powering Appliances: The generator can power a variety of appliances. For example, it can run a refrigerator for approximately 14 hours, a microwave for 1 hour, or a laptop for 60 hours, depending on the specific model and power consumption.

Recharging the Generator:

The generator can be recharged using two methods:

- **120V Wall Outlet:** Connect the provided power cord to a standard wall outlet. Charging time is approximately 12 hours.
- **Optional Solar Panels:** Connect compatible solar panels to the solar input terminals on the rear of the unit. Charging time will vary based on solar panel wattage and sunlight conditions, typically 24+ hours.



2 WAYS TO RECHARGE THE GENERATOR

**SOLAR PANEL
24+ HOURS
CHARGING TIME**

**120-V OUTLET
12 HOURS
CHARGING TIME**

Solar Charging: For solar charging, ensure the solar panels are positioned to receive maximum sunlight. Connect the positive and negative leads of the solar panel to the corresponding terminals on the generator.

MAINTENANCE

Battery Care:

- To prolong battery life, avoid completely draining the battery frequently.
- Store the generator with at least a 50% charge if not used for extended periods. Recharge every 3-6 months.
- Avoid exposing the generator to extreme heat or cold, as this can degrade battery performance.

Cleaning:

- Wipe the exterior of the generator with a soft, damp cloth.
- Do not use harsh chemicals or abrasive cleaners.
- Ensure all ports are free of dust and debris.

Storage:

Store the generator in a cool, dry place, away from direct sunlight and moisture. Ensure the unit is turned off before storage.

TROUBLESHOOTING

If you encounter issues with your Kohler Encube generator, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Generator does not turn on.	Battery is fully discharged.	Connect to a 120V wall outlet and charge for at least 30 minutes before attempting to power on.
Connected devices are not receiving power.	Generator is off, battery is low, or device exceeds wattage limit.	Ensure generator is on. Check battery level on display. Verify device wattage is within the generator's 1800W limit.
Generator charges slowly or not at all.	Faulty charging cable/outlet, or insufficient solar input.	Try a different wall outlet or charging cable. For solar, ensure panels are clean and in direct sunlight.
Unusual noise during charging.	Internal fan operation or component issue.	A slight fan noise during charging is normal. If the noise is excessive or unusual, contact customer support.
Battery drains quickly when not in use.	Normal self-discharge or unit not fully powered off.	Ensure the unit is completely powered off for storage. Recharge periodically (every 3-6 months).

For issues not listed here, or if troubleshooting steps do not resolve the problem, please contact Kohler customer support.

SPECIFICATIONS

KOHLER®



BUILT TO LAST SINCE 1920.

Dimensions and Weight: The diagram illustrates the compact size and portability of the generator.

Specification	Value
Brand	Kohler
Model Name	enCUBE
Item Model Number	PA-eGEN18iS-3001
Wattage	1800 watts
Output Wattage	1800 Watts
Starting Wattage	1500 Watts
Voltage	120V
Fuel Type	Battery-powered
Power Source	Battery Powered
Item Weight	109 Pounds
Product Dimensions	18.5" L x 14" W x 16" H

Specification	Value
Color	Blue/Black
Total Power Outlets	3 (AC 120V, DC 12V, USB 5V)
Included Components	enCUBE1.8 battery inverter generator, 120-V, 6-foot power cord
Batteries	1 Product Specific battery required (included)

WARRANTY INFORMATION

The Kohler Encube 1.8kW Portable Inverter Generator typically comes with a manufacturer's warranty. Please refer to the warranty card included with your product or visit the official Kohler website for the most current and detailed warranty terms and conditions. A 3-year warranty for home use has been noted for this product.

SUPPORT

For technical assistance, parts, or service, please contact Kohler customer support. You can find contact information on the Kohler official website or through the documentation provided with your generator.

Visit the [Kohler Store on Amazon](#) for additional product information and accessories.