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DURACELL PPS30029212001

Duracell Portable Power Station 300W User Manual

Introduction

This manual provides essential information for the safe and efficient operation of your Duracell Portable Power Station 300W. Please read this manual thoroughly before using the device and retain it for future reference.

Important Safety Information

Always observe the following safety precautions to prevent injury or damage to the device:

- Do not disassemble, repair, or modify the unit.
- Keep the unit away from fire, heat sources, and direct sunlight.
- Avoid exposure to water or other liquids.
- Do not use or store the unit in high temperatures or high humidity environments.
- Keep out of reach of children and pets.
- Ensure proper ventilation during use and charging.
- Do not insert foreign objects into the ports.
- If the unit emits smoke, odor, or unusual noise, discontinue use immediately and contact customer support.
- Dispose of the unit according to local regulations for lithium-ion batteries.

Package Contents

Verify that all items are present in your package:

- Duracell Portable Power Station 300W
- Wall Charger
- Car Charger
- Quick Start Guide

Note: Solar panel is sold separately and is not included in the standard package.

Product Features and Components

The Duracell Portable Power Station 300W is designed with multiple input and output ports for versatile power

delivery. The front panel features an intuitive display and various connection options.



Image: Front panel of the Duracell Portable Power Station 300W. This image displays the LED light, DC output ports, 12V DC socket, USB-A, USB-A QC3.0, USB-C PD ports, AC outlets, and the main input port. The central LCD screen shows battery level and wattage output.

Key components include:

- **LED Light:** Provides illumination for various situations.
- **LCD Display:** Shows battery charge level, input/output wattage, and active port indicators.
- **DC Output Ports:** Two 13V/5A ports for compatible DC devices.
- **12V DC Socket:** A 13V/10A car-style outlet.
- **USB-A Output Ports:** Two standard USB-A ports (5V).
- **USB-A QC3.0 Port:** One Quick Charge 3.0 USB-A port (18W maximum).
- **USB-C PD Port:** One USB-C Power Delivery port (60W input/output).
- **AC Outlets:** Two 120V/300W AC outlets (Pure Sine Wave).

- **DC Charging Port:** Input for wall, car, or solar charging (12-30V).



Image: Detailed view highlighting the various output ports and input options on the Duracell Power Station 300. This includes DC, USB, and AC ports, emphasizing its versatility.

Setup and Charging

Before initial use, fully charge the power station. Regular recharging is recommended to maintain battery health.

Charging Methods:

1. **Wall Charger:** Connect the included wall charger to the DC charging port and a standard wall outlet. Charging time is approximately 5-6 hours.
2. **Car Charger:** Use the included car charger to connect to your vehicle's lighter port. Charging time is approximately 8-9 hours for 12V systems or 4-5 hours for 24V systems.
3. **Solar Panel (Sold Separately):** Connect a compatible solar panel (e.g., Duracell 100W Solar Panel) to the DC charging port. Charging time is approximately 4-5 hours, depending on sunlight intensity.



Image: Visual guide demonstrating the three primary methods for recharging the power station: via a standard wall outlet (5-6 hours), a car outlet (8-9 hours for 12V, 4-5 hours for 24V), and a solar panel (4-5 hours). Recharging times refer to 0-80% capacity.

The LCD screen will display the battery level during charging. It is recommended to recharge the unit every 3-6 months when storing to prevent deep discharge.

Operating Instructions

The Duracell Portable Power Station 300W can power various electronic devices. Ensure your device's power requirements do not exceed the power station's output capacity (300W).

Powering Devices:

1. **Turn On:** Press the main power button to activate the unit. The LCD screen will illuminate.
2. **Select Output:** Press the respective button for the desired output type (DC, USB, or AC) to activate those ports. The LCD screen will indicate which ports are active.
3. **Connect Device:** Plug your electronic device into the appropriate port.

4. **Monitor Usage:** The LCD screen will display the current wattage output.
5. **Turn Off:** When finished, disconnect your devices and press the main power button to turn off the unit and conserve battery.



Image: The power station in use, providing power to a computer monitor and other electronics, illustrating its utility for maintaining connectivity during power interruptions or for remote work.

The power station is capable of powering multiple devices simultaneously, provided the total wattage does not exceed 300W.



Image: The portable power station being carried, with an infographic detailing its estimated run times for common devices: 13 drone charges, 4 laptop charges, 47 hours of light, 22 hours for a mini cooler, 2 hours of TV, and 13 hours of Wi-Fi.



Image: The power station positioned alongside emergency supplies such as lanterns and bottled water, highlighting its function as a reliable power source for emergency preparedness during outages or storms.

Maintenance

Proper maintenance ensures the longevity and performance of your power station.

- **Cleaning:** Use a dry, soft cloth to clean the exterior of the unit. Do not use abrasive cleaners or solvents.
- **Storage:** Store the unit in a cool, well-ventilated environment, away from water, heat, and flammable gases. Recharge the unit every 3-6 months to maintain battery health.
- **Temperature:** Operating temperature range is 32°F to 113°F (0°C to 45°C). Storage temperature range is -4°F to 113°F (-20°C to 45°C).

Troubleshooting

If you encounter issues with your Duracell Portable Power Station 300W, refer to the following common solutions:

- **Unit Not Turning On:** Ensure the battery is charged. Connect to a power source and charge for at least 30

minutes.

- **Devices Not Charging:**
  - Verify that the specific output port (DC, USB, AC) is activated.
  - Check if the device is properly connected.
  - Confirm the device's power requirements do not exceed the port's or unit's maximum output.
  - Ensure the power station has sufficient charge.
- **Overload Protection:** If the unit shuts down unexpectedly, it may be due to an overload. Disconnect some devices and restart the unit.
- **Unusual Behavior (Sparks, Odor):** Immediately discontinue use, disconnect all devices and charging cables, and contact customer support. Do not attempt to repair the unit yourself.

SPECIFICATIONS

Feature	Specification
Brand	DURACELL
Model Name	Portable Power Station
Model Number	PPS30029212001
Wattage	300 Watts
Output Wattage	300 Watts
Voltage	120 Volts
Fuel Type	Battery Powered, Solar Powered
Power Source	Battery Powered, Solar Powered
Item Weight	7.5 Pounds (3.4 kg)
Product Dimensions (LxWxH)	8.5" x 6.2" x 6.3" (21.6 cm x 15.7 cm x 16 cm)
Material	Plastic
Color	Green (with copper accents)
Total Power Outlets	Multiple (2x AC, 1x 12V DC, 2x 13V DC, 2x USB-A, 1x USB-A QC3.0, 1x USB-C PD)
Operating Temperature	32°F to 113°F (0°C to 45°C)
Storage Temperature	-4°F to 113°F (-20°C to 45°C)
UPC	041333045603



Image: The Duracell Portable Power Station 300W shown with its physical dimensions: 8.5 inches in length, 6.2 inches in width, and 6.3 inches in height, illustrating its compact and portable design.

Warranty and Support

The Duracell Portable Power Station 300W comes with a **2-year manufacturer's warranty**.
For warranty claims, technical assistance, or product inquiries, please contact Duracell customer support. Refer to the Quick Start Guide or Duracell's official website for contact information.
When contacting support, please have your model number (PPS30029212001) and UPC (041333045603) available.

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