Cuddeback PW-3600

Cuddeback Solar Power Bank PW-3600 Instruction Manual

Model: PW-3600

INTRODUCTION

The Cuddeback Solar Power Bank PW-3600 is designed to provide continuous power to compatible Cuddeback trail cameras, extending their operational runtime indefinitely. This unit features a polycrystalline solar panel that charges an internal NiMH battery, which is engineered to perform effectively even in sub-freezing temperatures. Should the solar battery deplete, the connected camera will seamlessly switch to its internal batteries. Once the solar battery recharges sufficiently, it will resume powering the camera.

This manual provides detailed instructions for the proper setup, operation, and maintenance of your Cuddeback Solar Power Bank PW-3600.

PRODUCT OVERVIEW

What's in the Box

- Cuddeback Solar Panel with built-in NiMH battery
- Connecting Cable
- Genius Tilt Mount
- Mounting Strap
- Instruction Manual (this document)

Image: The Cuddeback Solar Power Bank PW-3600, including the solar panel, connecting cable, Genius Tilt mount, and mounting strap.

Key Features

- **Polycrystalline Solar Panel:** Efficiently charges the internal battery using sunlight.
- **Integrated NiMH Battery:** Provides reliable power and performs in cold conditions.
- **Automatic Power Switching:** Seamlessly transitions between solar and camera internal batteries.
- **Compatibility:** Designed for use with all Cuddeback CuddeLink and Tracks cameras.
- **Built-in LED Indicators:** Displays power status and charging activity.

SPECIFICATIONS

Feature	Detail
Model	PW-3600
Power Source	Solar Panel with NiMH Battery
Solar Panel Type	Polycrystalline Silicon

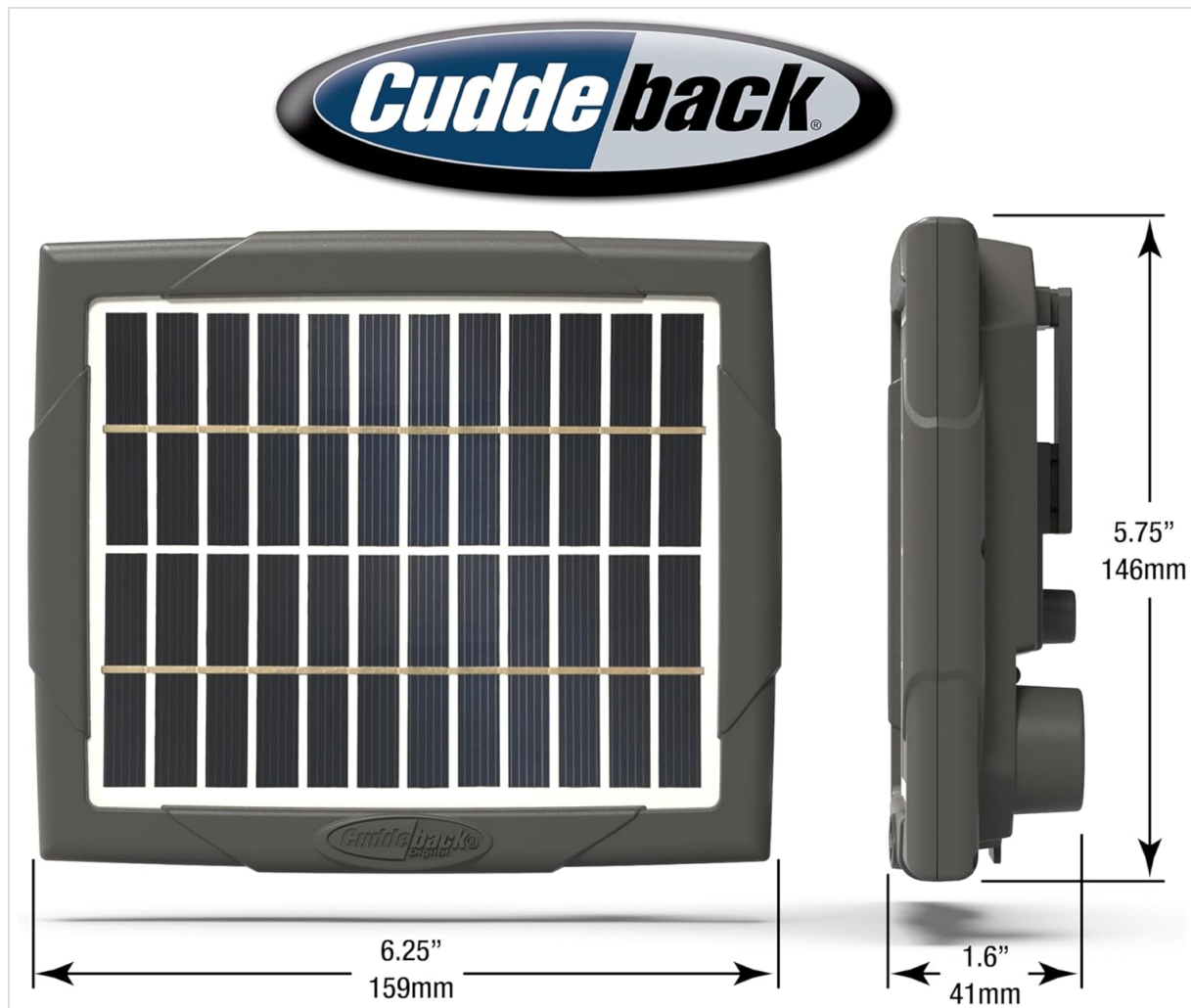|	
Voltage	7.2 Volts
Dimensions (L x W x H)	7 x 6 x 1.5 inches (17.8 x 15.2 x 3.8 cm)
Item Weight	2.01 pounds (0.91 kg)
Water Resistance Level	Water Resistant
Upper Temperature Rating	120°F (49°C)
Mounting Type	Tree Mount
Compatible Devices	CuddeLink and Tracks Cameras

Image: Front and side view of the Cuddeback Solar Power Bank PW-3600 with dimensions indicated.

SETUP

1. **Select a Mounting Location:** Choose a location that receives direct sunlight for the majority of the day. The solar panel's efficiency is directly related to the amount of direct sunlight it receives. Avoid shaded areas.

2. **Attach the Genius Tilt Mount:** Secure the Genius Tilt Mount to a tree or post using the provided mounting strap. Ensure the mount is stable.

3. **Mount the Solar Panel:** Attach the Cuddeback Solar Power Bank to the Genius Tilt Mount. Adjust the angle of the panel to face the sun directly for optimal charging.

4. **Connect to Camera:** Use the provided connecting cable to link the solar power bank to your

compatible Cuddeback CuddeLink or Tracks camera. Ensure the connection is secure.

Image: The Cuddeback Solar Power Bank PW-3600 mounted on a tree, connected to a trail camera, positioned for direct sunlight exposure.

Designed for optimal use in direct sunlight

Image: The Cuddeback Solar Power Bank PW-3600 mounted on a cactus, demonstrating placement for optimal sun exposure in an outdoor environment.

OPERATION

Once connected and exposed to sunlight, the Cuddeback Solar Power Bank will begin charging its internal NiMH battery. This charged battery then powers your Cuddeback camera. The system is designed for continuous operation, reducing the need for frequent battery changes in your camera.

- **Charging:** The solar panel converts sunlight into electrical energy to charge the internal NiMH battery.
- **Power Delivery:** The charged NiMH battery provides power to the connected Cuddeback camera.
- **Battery Backup:** If the solar battery's charge level drops too low (e.g., during prolonged periods of low light), the camera will automatically draw power from its own internal batteries.
- **Automatic Resumption:** When the solar battery recharges sufficiently, it will automatically resume powering the camera, preserving the camera's internal battery life.

LED Indicators

The solar power bank features built-in LED lights to indicate its operational status:

- **Charging Indicator:** An LED will illuminate when the solar panel is actively charging the internal

battery.

- **Status Indicator:** An LED will show the current power status of the internal battery (e.g., fully charged, low charge). Refer to the specific LED color/pattern in the included quick start guide for detailed interpretation.

Image: Rear view of the Cuddeback Solar Power Bank PW-3600 showing the location of the built-in LED lights for power status and charging indication.

MAINTENANCE

- **Clean the Solar Panel:** Periodically inspect and clean the surface of the solar panel to remove dirt, dust, snow, or debris. A clean panel ensures maximum sunlight absorption and charging efficiency. Use a soft, damp cloth for cleaning.

- **Check Connections:** Ensure all cable connections between the solar power bank and the camera remain secure and free from corrosion.

- **Monitor Sunlight Exposure:** Regularly check that the solar panel is still receiving adequate direct sunlight, especially after changes in foliage or seasons. Adjust the panel's angle or location if necessary.

Reliable in harsh conditions

Internal NiMH batteries built to perform in sub–freezing temperatures

Image: The Cuddeback Solar Power Bank PW-3600 mounted in a snowy forest, demonstrating its ability to operate in harsh conditions. Regular cleaning of snow from the panel is recommended.

TROUBLESHOOTING

- **Camera Not Receiving Power:**
    - Verify the solar panel is receiving direct sunlight.
    - Check all cable connections for tightness and proper insertion.
    - Ensure the solar panel's surface is clean and free of obstructions.
    - Confirm the camera's internal batteries are installed and functional as a backup.

- **Shortened Camera Runtime:**
    - The solar panel may not be receiving sufficient sunlight. Re-evaluate its placement and angle.
    - Heavy cloud cover or short daylight hours can reduce charging efficiency.
    - Ensure the panel is clean.

- **LED Indicators Not Functioning:**
    - Ensure the unit is exposed to sunlight for the charging indicator.
    - Check for physical damage to the unit or cable.

COMPATIBILITY

The Cuddeback Solar Power Bank PW-3600 is fully compatible with all Cuddeback CuddeLink and Tracks series trail cameras. It is designed to integrate seamlessly with these camera systems to provide extended power.

Image: The Cuddeback Solar Power Bank PW-3600 shown alongside several Cuddeback CuddeLink and Tracks cameras, illustrating its broad compatibility.

IMPORTANT SAFETY INFORMATION

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

Always handle the product with care and follow all local regulations for disposal.
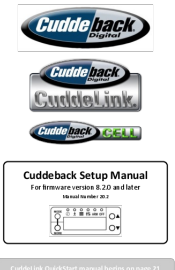
WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please refer to the official Cuddeback website or contact Cuddeback customer service directly. Keep your purchase receipt for warranty claims.

Visit the official Cuddeback website for the latest support resources:Cuddeback Digital Store

Related Documents - PW-3600

	Cuddeback Moonlight IR Model 1408 Trail Camera - High Performance Night Imaging Discover the Cuddeback Moonlight IR Model 1408 trail camera, featuring 8 MP images, 1/2 second trigger speed, and superior night vision with 24 high-power IR LEDs. Designed for optimal performance and ease of use for wildlife photography.
	Trophy Room Manual: Cuddeback Trail Camera Image Management Software Comprehensive user manual for Cuddeback's Trophy Room software, covering image management, organization, analysis tools, and firmware updates for trail camera users.
	Cuddeback Ambush IR Operating Manual - Setup, Features, and Care Comprehensive operating manual for the Cuddeback Ambush IR scouting camera. Covers setup, installation, features, care, troubleshooting, and accessory mounts like Genius Mount. Includes information on Trophy Room software.
	Cuddeback G Series Camera User Manual and Warranty Information Comprehensive user manual for the Cuddeback G Series camera, covering design highlights, SD card and battery usage, zone control features, limited warranty, and FCC compliance. Learn how to operate and maintain your Cuddeback camera.
	Cuddeback Setup Manual: G-Series, J-Series, K-Series Cameras A comprehensive guide to operating Cuddeback G-Series, J-Series, and K-Series trail cameras, covering user interface, firmware updates, and various settings for optimal performance.

[Cuddeback Ambush Series Operating Manual: Setup, Features, and Usage Guide](#)
Comprehensive operating manual for the Cuddeback Ambush, Ambush IR, and Ambush Black Flash scouting cameras. Learn about setup, features, settings, maintenance, and image management with Trophy Room software.