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› AcuRite Uninterruptible Power Supply Base for HD Displays User Manual (Model 06187M)

AcuRite 06187M

AcuRite Uninterruptible Power Supply Base

USER MANUAL (MODEL 06187M)

Introduction

The AcuRite Uninterruptible Power Supply (UPS) Base is designed to provide continuous power to compatible AcuRite HD Weather Station Displays during power outages. This base ensures that your display remains operational, preserving settings and historical data for up to 6 hours after a power disruption. It includes two rechargeable lithium-ion batteries that automatically engage when AC power is lost.

This manual provides instructions for the setup, operation, maintenance, and troubleshooting of your AcuRite UPS Power Base.

Package Contents

- AcuRite Uninterruptible Power Supply Base (Model 06187M)
- 2 Rechargeable Lithium-Ion Batteries (pre-installed or separate)
- AC Power Adapter

Key Features

- **Battery Backup:** Provides up to 6 hours of power to compatible HD displays during outages.
- **Data Preservation:** Helps save display settings and historical records.
- **Rechargeable Batteries:** Equipped with two lithium-ion batteries.
- **LED Indicator:** Visual status of power and battery charge.
- **Integrated Docking:** Securely holds compatible AcuRite HD displays.

Setup

1. Battery Installation

The power base includes two rechargeable lithium-ion batteries. Ensure they are correctly installed before initial use. If not pre-installed, open the battery compartment on the underside of the base and insert the batteries according to the polarity indicators.



Image: The underside of the AcuRite Power Base with the battery compartment open, revealing two rechargeable lithium-ion batteries. Ensure correct polarity during installation.

2. Connecting to Your HD Display

Carefully place your compatible AcuRite HD display into the docking points on the power base. The base is designed to replace your display's existing stand. Ensure the display is seated firmly and the power connection is established.

Compatible Displays



06058M



06102M



06088M



01545MCB

Replaces your existing stand.

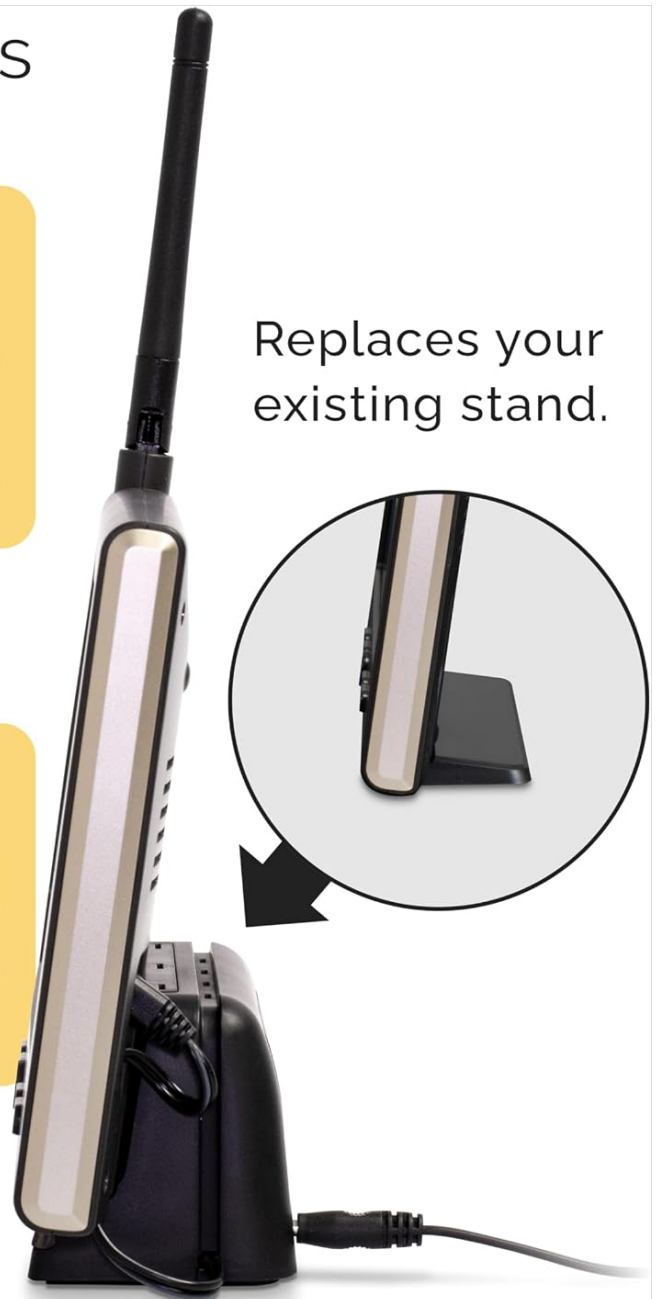


Image: An illustration of compatible AcuRite HD displays (06058M, 06102M, 06088M, 01545MCB) and a side view demonstrating how an HD display docks into the power base, replacing its original stand.

3. Power Connection

Connect the AC power adapter to the power base and then plug it into a standard electrical outlet. The power base will begin charging the internal batteries and powering the docked display.



Image: A rear view of an AcuRite HD display securely docked in the power base. The image highlights the 5V DC input port on the base where the AC power adapter connects, and the label indicating the base model number 06187M.

Operating the Power Base

Automatic Operation

Once connected to AC power and with a compatible display docked, the power base operates automatically. It charges its internal batteries and provides power to the display. In the event of a power outage, the internal batteries will seamlessly

take over, providing power to the display.

LED Indicator Light

The power base features an LED indicator light on the front to communicate its status:

- **Solid Blue:** Batteries are fully charged and the unit is operating normally on AC power.
- **Flashing Blue:** Batteries are currently charging.
- **Solid Red:** The power base batteries are actively powering the display due to a power outage.
- **Flashing Red:** Batteries are running low and require recharging.



Image: An AcuRite HD display is shown docked into the power base, with the blue LED indicator light visible on the front, indicating normal operation or charging status.

Compatibility

The AcuRite Uninterruptible Power Supply Base is compatible with the following AcuRite HD Weather Station Display models:

- 06058M
- 06102M
- 01545MCB
- 06088M
- 06188M

To verify your display's model number, check the label usually printed or imprinted on the backside of your AcuRite HD display.

Maintenance

Battery Care

The rechargeable lithium-ion batteries are designed for long-term use. To maximize battery life, ensure the power base remains connected to AC power when not in use to keep the batteries charged. If the unit will be stored for an extended period, fully charge the batteries before storage and recharge them every few months.

Cleaning

Clean the power base and display with a soft, damp cloth. Do not use abrasive cleaners or solvents, as these may damage the surfaces. Ensure the unit is unplugged from AC power before cleaning.

Troubleshooting

If you encounter issues with your AcuRite UPS Power Base, refer to the following common problems and solutions:

- **Display Not Powering On or Charging:**
 - Ensure the AC power adapter is securely plugged into both the power base and a working electrical outlet.
 - Verify that the rechargeable batteries are correctly installed in the power base with proper polarity.
 - Confirm your HD display is properly docked into the power base.
- **LED Indicator Not Functioning:**
 - Check all power connections.
 - If the unit is completely unresponsive, try a different power outlet.
- **Short Battery Backup Time:**
 - Ensure the batteries have had sufficient time to fully charge (indicated by a solid blue LED).
 - Battery performance can degrade over time. If backup time significantly decreases, consider replacing the internal rechargeable batteries.
- **Display Issues When Docked (e.g., signal loss, incorrect readings):**
 - Some users have reported potential interference with wireless signals or display functionality when certain accessories are connected. Try undocking the display and operating it with its original power source to isolate the issue.
 - Ensure the display model is listed as compatible.

Specifications

Model Number	06187M
Brand	AcuRite
Power Source	AC-powered with rechargeable battery backup
Battery Type	2 x Lithium-Ion (included)
Battery Backup Time	Up to 6 hours (when fully charged)
Color	Black
Item Weight	8 ounces (approx. 227 grams)
Package Dimensions	5.63 x 3.25 x 3 inches (approx. 14.3 x 8.25 x 7.6 cm)

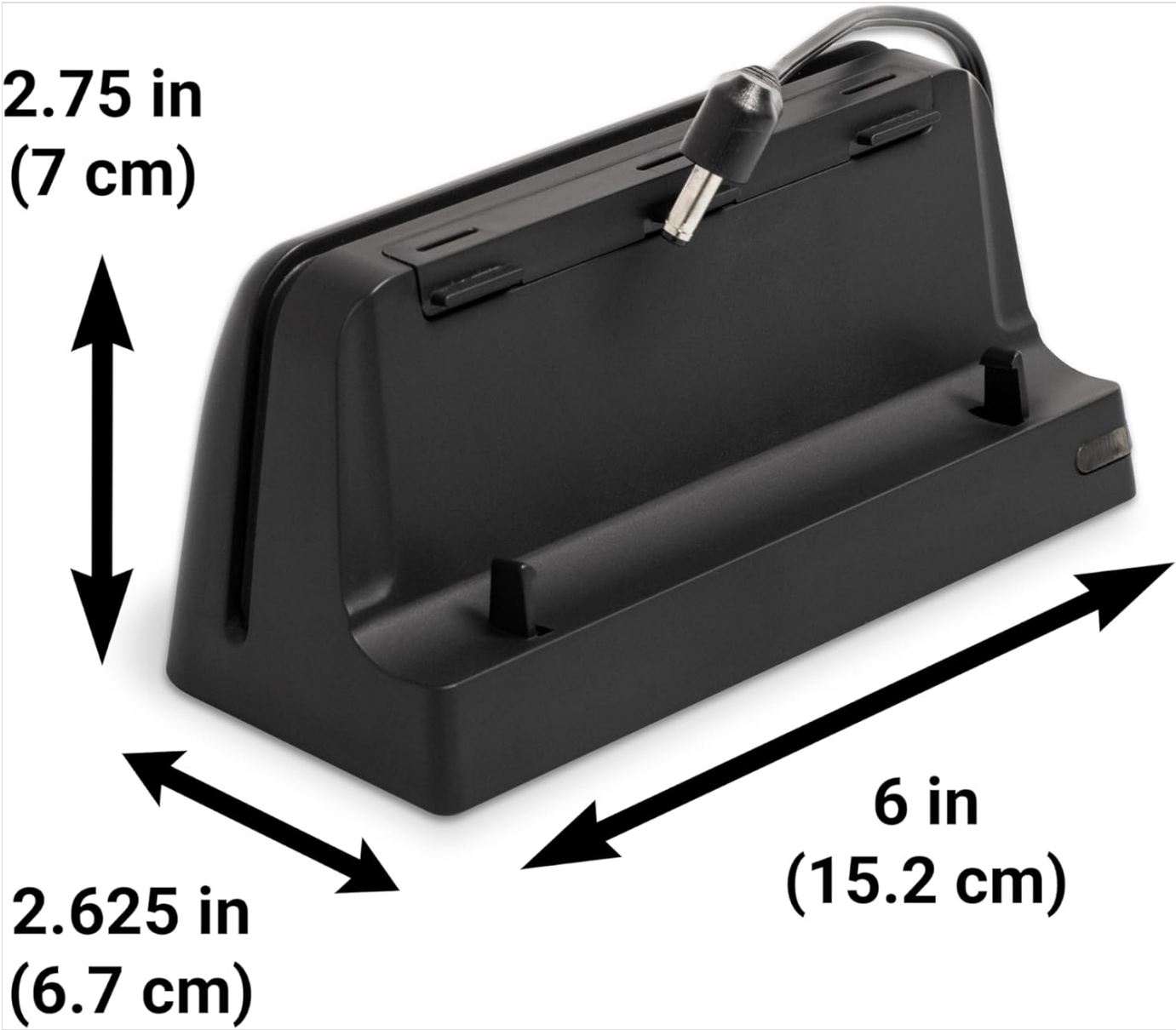


Image: A diagram illustrating the physical dimensions of the AcuRite Power Base, measuring approximately 2.75 inches (7 cm) in height, 2.625 inches (6.7 cm) in width, and 6 inches (15.2 cm) in length.

Warranty and Support

For detailed warranty information and customer support, please refer to the documentation included with your product or visit the official AcuRite website. The AcuRite website typically provides comprehensive support resources, FAQs, and contact information for technical assistance.

[Visit the AcuRite Store for more information](#)

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Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question