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TrickleStar TS2003

TrickleStar TS2003 Energy Monitor User Manual

MODEL: TS2003

Introduction

The TrickleStar TS2003 Energy Monitor is designed to provide real-time and projected energy consumption data for connected appliances. This device helps users understand and manage their electricity usage by displaying instant energy consumption in Watts, Cost, and CO2 emissions. It also offers projected consumption data by day, month, and year, along with an 'Energy Count' feature for accumulated readings over specific intervals.

Key features include:

- Separate display and wall tap design for convenient handheld viewing.
- Instant display of energy consumption in Watts, Cost, and CO2.
- Projection display of KWH, Cost, and CO2 by Day, Month, or Year.
- 'Energy Count' feature for real-time accumulated KWH, Cost, and CO2 over user-defined intervals.

Setup

Follow these steps to set up your TrickleStar TS2003 Energy Monitor:

1. **Unpack the Device:** Carefully remove the energy monitor and its display unit from the packaging.
2. **Connect the Display:** The display unit is designed to connect directly to the main plug-in unit. Ensure it is securely attached.
3. **Plug into Wall Outlet:** Insert the main plug-in unit into a standard 120V AC wall outlet. The display unit should illuminate, indicating power.



Image: The TrickleStar TS2003 Energy Monitor, showing the main unit plugged into a wall outlet and the detachable display unit indicating 'ENERGY' and '15 KWH'.

4. **Connect Appliance:** Plug the appliance you wish to monitor into the outlet provided on the front of the TrickleStar Energy Monitor.

Operating Instructions

The TrickleStar TS2003 features a simple interface with dedicated buttons for different display modes.





Image: Close-up of the TrickleStar TS2003 display, showing 'ENERGY' and an instant reading of '258 Watt'.

- **ENERGY Button:** Press this button to cycle through instant energy readings. The display will show the current power consumption in **Watts**.
- **COST Button:** Press this button to view the estimated cost of the energy consumed. This display will show projected cost by day, month, or year.
- **CO2 Button:** Press this button to view the estimated CO2 emissions associated with the energy consumed. This display will show projected CO2 by day, month, or year.
- **ENERGY COUNT Button:** Use this button to access the 'Energy Count' feature. This mode displays the accumulated KWH, Cost, and CO2 over a specific timer interval. Refer to the device's on-screen prompts for setting or resetting the timer.



Image: The TrickleStar TS2003 display showing 'ENERGY' and an accumulated reading of '15 KWH'.

Maintenance

To ensure optimal performance and longevity of your TrickleStar TS2003 Energy Monitor:

- **Cleaning:** Disconnect the device from the power outlet before cleaning. Use a soft, dry cloth to wipe the exterior. Do not use liquid cleaners or abrasive materials.
- **Battery Replacement:** The device is battery-powered for its display unit. If the display becomes dim or unresponsive, the internal batteries may need replacement. Refer to the battery compartment on the display unit for specific battery type and replacement instructions. Ensure proper polarity when inserting new batteries.
- **Storage:** When not in use for extended periods, store the monitor in a cool, dry place away from direct sunlight and extreme temperatures.

Troubleshooting

If you encounter issues with your TrickleStar TS2003 Energy Monitor, consider the following:

- **No Display/Power:**
 - Ensure the main unit is securely plugged into a live wall outlet.
 - Check if the display unit is properly connected to the main plug-in unit.
 - Replace the batteries in the display unit if it is detachable and battery-powered.
- **Incorrect Readings:**
 - Verify that the appliance is correctly plugged into the monitor's outlet.
 - Ensure the appliance is turned on and actively consuming power.
 - Readings for cost and CO₂ are estimates based on internal calculations; actual values may

vary depending on local utility rates and energy sources.

- **Buttons Unresponsive:**

- Try unplugging the monitor from the wall outlet for a few seconds and then plugging it back in to reset the device.

If problems persist, please refer to the support information below.

Specifications

Feature	Detail
Brand	TrickleStar
Model	TS2003
Power Source	Battery Powered (for display)
Item Weight	9.07 g
Alarm	Visual
Sensor Type	Electrochemical
Manufacturer	TrickleStar
UPC	859244003748

Warranty and Support

The TrickleStar TS2003 Energy Monitor is manufactured by TrickleStar. For specific warranty information, terms, and conditions, please refer to the documentation included with your purchase or visit the official TrickleStar website.

For technical support or further assistance, please contact TrickleStar directly through their official support channels. Contact information can typically be found on the manufacturer's website or product packaging.