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› [HBN Watt Meter Plug Instruction Manual](#)

**HBN U167J**

# **HBN Watt Meter Plug Instruction Manual**

**MODEL: U167J**

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## **1. INTRODUCTION**

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The HBN Watt Meter Plug is a versatile device designed to monitor and display various electrical parameters of connected appliances. It helps users understand their electricity consumption, manage energy usage, and potentially save on electricity bills. This manual provides detailed instructions on how to set up, operate, and maintain your HBN Watt Meter Plug.



Figure 1: HBN Watt Meter Plug with its backlit LCD display.

## 2. KEY FEATURES

- **Backlit LCD Display:** Features an upgraded backlit LCD display with a 160° wide viewing angle for clear and distinct data readings in various lighting conditions. The backlight automatically turns off after 15 seconds to conserve energy.
- **9 Types of Data Display:** Accurately monitors and displays a wide range of electrical parameters, including:
  - Power (W)
  - Apparent Power (VA)
  - Energy Consumption (kWh)
  - Usage Time (hours)
  - Power Frequency (Hz)
  - Power Factor (PF)
  - Voltage (V)
  - Current (A)
  - Electricity Cost

- **Energy and Cost Saving:** By toggling through the display modes, you can gain insights into device operational parameters, calculate electricity consumption, and monitor costs, aiding in energy management.
- **Data Storage:** All non-real-time data is stored, preventing loss during sudden power outages. If data exceeds the screen's maximum display range, the screen will flash as a reminder.
- **Safe to Use:** Rated for 125VAC, 60Hz, with a maximum current of 15A and a maximum power of 1875W (for resistor and tungsten wire loads, 1/2HP for motor loads).

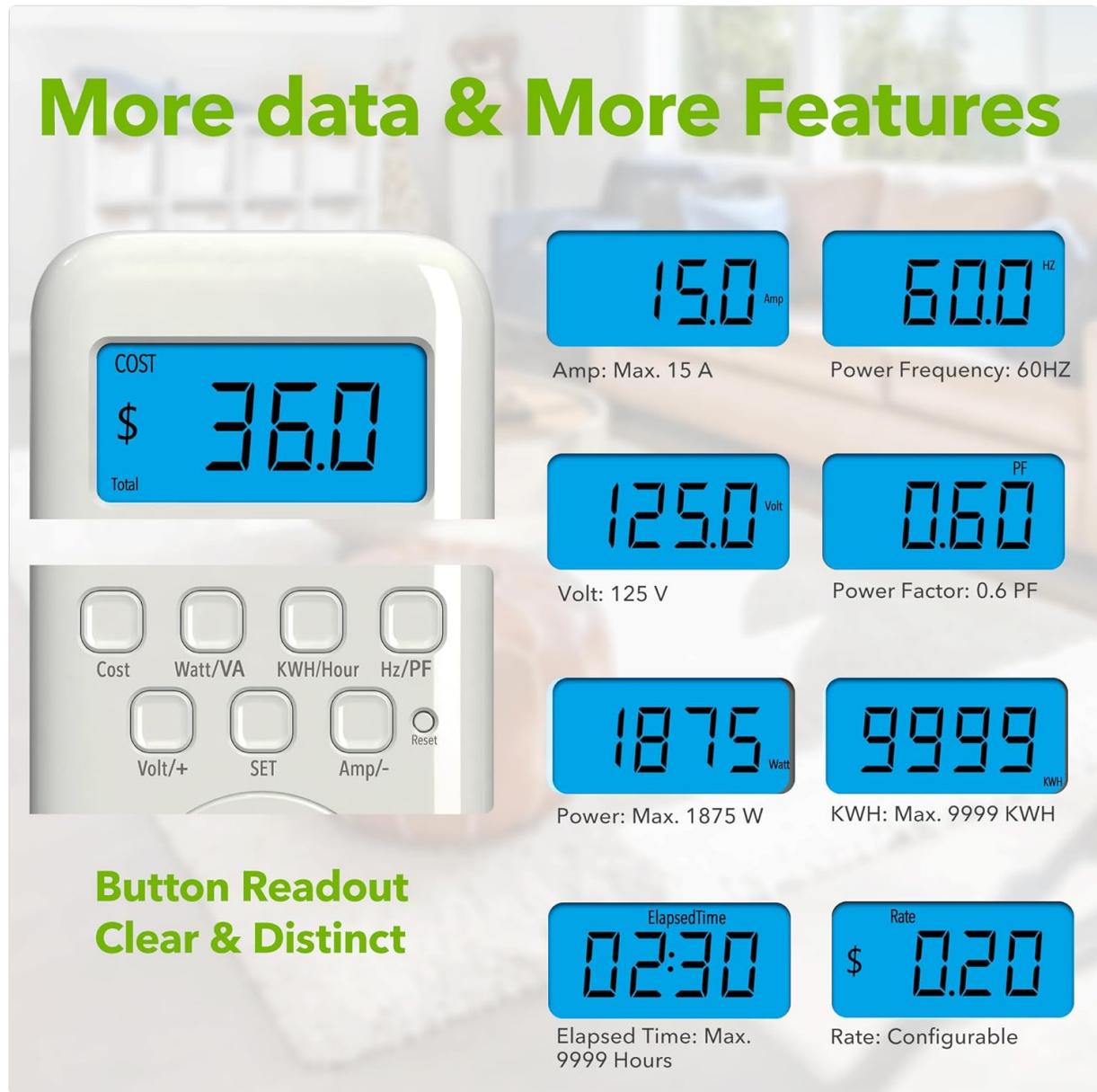


Figure 2: The HBN Watt Meter Plug displays multiple data points simultaneously.

### 3. SETUP AND INITIAL CONFIGURATION

#### 3.1. Plugging In the Device

The HBN Watt Meter Plug is designed for simple