

# POWERCOST MONITOR™

## PRODUCT INFORMATION SHEET



Blue Line Innovations' PowerCost Monitor™ provides real-time information on energy consumption, allowing electricity users to see:

- How much energy they are using from moment-to-moment
- The total amount of money they are spending on electricity
- The difference in electricity consumption caused by turning on and off the various electrical appliances in the home / small business
- How much money they can save by reducing usage

What makes the PowerCost Monitor™ unique:

- Uses wireless technology to send usage information from outside meter to inside home
- Does not interfere with meter reading
- Easily installable by the end user and requires no electrician for installation
- Displays current electricity cost per-hour in dollars and cents and in kW
- Displays total energy consumption in dollars and cents and in kWh
- Displays the user's peak electricity consumption within a 24 hour period
- Programmable for local utility rates including flat, multi-tiered and time-of-use rates
- Displays time and outside temperature (in degrees Celsius and Fahrenheit)
- Signal and battery strength indicators

### POWERCOST MONITOR™ FEATURES:

#### COMPATIBILITY

##### Meter Types:

- Electromechanical
- Digital/Solid-State
- AMI
- AMR
- Smart Meter

##### Pricing Structures:

- Flat
- Tiered (up to nine tiers)
- Time-of-use

#### EASY TO INSTALL

- Designed to be installed by the consumer; no need for 3rd party contractors or electricians
- LED provides visual feedback of device operation
- No special tools required



#### STANDARDIZATION

- Uses standard, commonly available AA Alkaline batteries
- No need for any external power source

# Blue Line Innovations PowerCost Monitor™ Specifications

## PowerCost Monitor™

- Part # BLI-24000
- Packaged Unit Weight: 1.12 kg (2.47 lbs)

## Display Dimensions

- Width: 88.4 mm (3.5 in)
- Height: 185.1 mm (7.3 in)
- Thickness: 31 mm (1.2 in)

## Power Requirements

- Sensor: Standard - 2 Alkaline AA 1.5 volt (LR6 type)  
Extreme Cold Weather - 2 Lithium AA 1.5 volt (L91 type)
- Display: Standard 2 Alkaline AA 1.5 volt (LR6 type)

## Communication Range

- Frequency: 433 Mhz
- Range: Approx. 30 meters (100 ft)
- Updates from Sensor to Display Unit: Approx. every 30 seconds

## Operating Temperature

- Display Unit: 10°C to 45°C (50°F to 113°F)
- Sensor Unit: -40°C to 60°C (-40°F to 140°F)

## Accuracy:

- ±5%

## Meter Types

- Standard Non-Demand Kilowatt-Hour Electromechanical and Solid-State Meter
- Compatible with AMR, AMI, and Smart Meter technologies



INNOVATIVE ENERGY SOLUTIONS

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