



# EMU 2™

Energy Monitoring Unit

## Product Summary



### Simple

- Just plug it in
- Automatically connects wirelessly to the meter
- Two buttons scroll up/down through screens

### Secure

- Wireless link secured with Elliptic Curve Cryptography
- Only your registered device can talk to your meter

### Compatible

- ZigBee Smart Energy Profile 1.1 certified
- Works with all certified ZigBee smart meters
- Validated by most utility HAN programs

### Display

- White LED backlight – clear and easy to read
- Fully Graphical – 128x64 pixel resolution

### Indicate

- 3 'stoplight' LEDs indicate TOU tier from a distance
- Customizable at factory for other billing plans or indications

### Power

- AC adapter for always-on operation
- Optional batteries for portability and backup

### Place

- Sits on a tabletop, with no leg to lose or break
- Built-in magnets attach to metal surfaces (cabinets, fridge)
- Keyholes for easy wall mounting

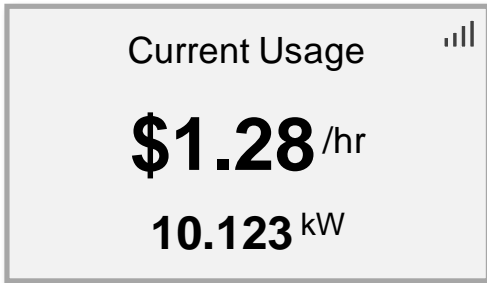
### Expand

- Software upgrades Over-the-Air, or through USB port
- USB port sends meter data to your PC for expanded analysis

### Translate

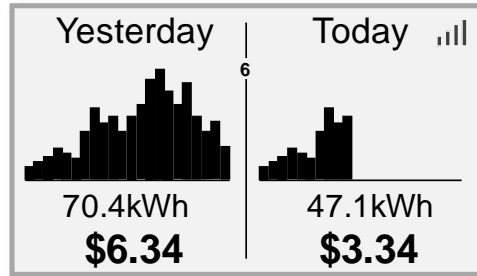
- English, French or Spanish language, selectable by user

# Standard Screens



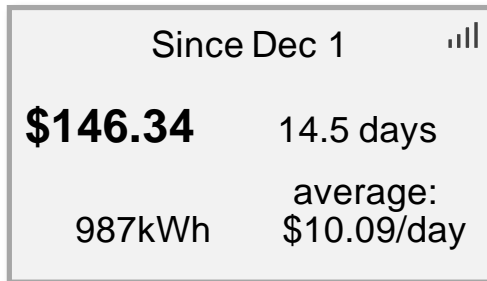
### Current Usage

- Instantaneous demand in kW and \$/hr
- Updates every 4-30 seconds (meter dependent)



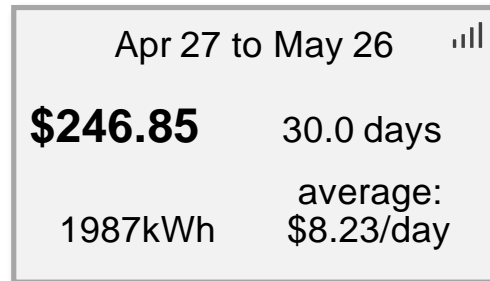
### Daily Total

- Compares Yesterday and Today
- Each bar indicates 1 hour of usage
- Total usage in kWh and \$ for that day



### Monthly Total

- Accumulated usage for current Month, Billing Period, or user set period



### Previous Total

- Accumulated usage for previous Month, Billing Period, or user set period



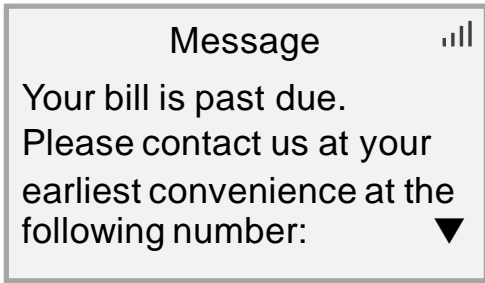
### Meter Reading

- Total accumulated energy (kWh) delivered to the home
- Total accumulated energy (kWh) received from the home by the grid



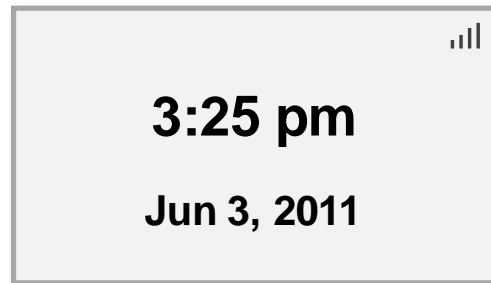
### Price

- Current cost/kWh in effect
- Read from meter (default), or set by user, or extracted from a text message from utility (specific format)



### Message

- Text messages sent to the user by the utility (up to 100 characters)
- Supports receipt confirmation by user



### Time

- Time and Dates from the meter
- Optional manual DST and time zone adjustments for meters without local time