



# 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 current demand from a distance
- Customizable at factory for other billing plans or indications

### Power

- AC adapter for always-on operation
- Included 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

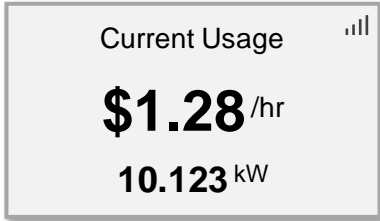
### Expand

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

### Translate

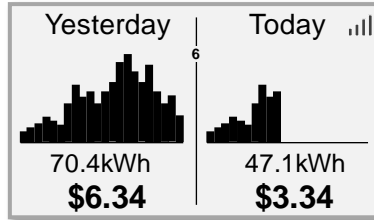
- English, French or Spanish language, selectable by user

# Display Screens



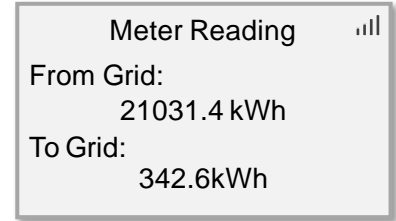
### Current Usage

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



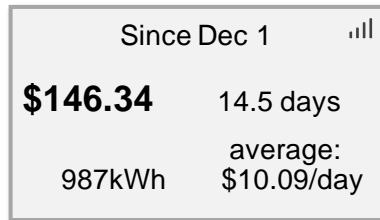
### Daily Total

- Compares Yesterday and Today
- Each bar is 1 hour of usage
- Total usage in kWh and \$ for current day and previous day



### Meter Reading

- Total accumulated energy (kWh) delivered to and from the home
- Supports Net Metering



### Monthly Total

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



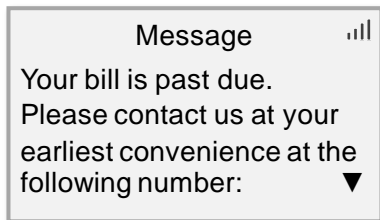
### Previous Total

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



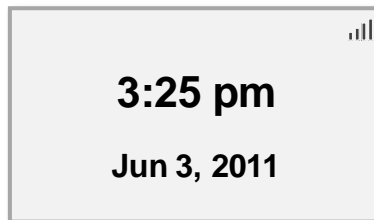
### Price

- Current cost/kWh in effect
- Read from meter, or set by user or text message



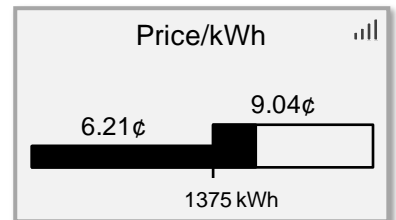
### Message

- Text messages sent to the user by the utility (max 100 char)
- Supports receipt confirmation by user



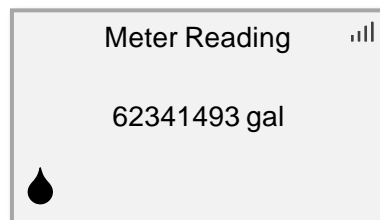
### Time

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



### Block Pricing

- Optional feature
- Total consumption (kWh) in billing period, and progress through price blocks
- Pricing in each block



### Other Services

- Screens available for Water, Gas
- Prepay can also be supported