

Single-Phase Meters

Three-Phase Meters

Advanced Meters

Interval Data Recorders

Accessories

RightEnergy Software

## ■ **Class 1000 Meters**

Office buildings, multi-family facilities, college campuses and hospitals all experience high energy use. Your electric utility charges you for your energy-intensive demands. By metering specific tenants, departments, cost centers or pieces of equipment in your facility, you can pinpoint when and where you are using energy. Armed with this data, you can take steps to curtail this usage and thus reduce your overall energy consumption costs. E-Mon D-Mon Class 1000 meters earned the U.S. Department of Energy Innovation Award and are compatible with RightEnergy™ software for convenient monitoring of energy use right from your desktop PC.

## ■ **Key Benefits**

- Flexible** - Monitors anything from a single lighting circuit to an entire building.
- Convenient** - Installs without interrupting power to you or your tenants.
- Accurate** - Certified to national accuracy standards ANSI C12.1 and C12.16.
- Reliable** - E-Mon D-Mon meters have set the industry standard for metering products for over 25 years.

## ■ **Key Features**

- Ideal for both new and retrofitted facilities.
- Monitors multiple loads with one meter for a cumulative reading.
- UL Listed. Utility-grade accuracy.

## **The Industry Standard**



*Trusted by contractors  
for over 25 years.*

# **E-Mon®**

Single-Phase Meters

Three-Phase Meters

Load Profiling Meters

Interval Data Recorders

Accessories

RightEnergy Software

## ■ **Class 1000 Meters**

### **Benefits**

- Easy and affordable installation virtually anywhere, including both new and retrofitted facilities.
- Patented split-core current sensors allow safer installation without power interruption.
- Retain meter reading in the event of power failure.
- Meters can be placed up to 2,000 feet away from an electric panel (by extending current sensor leads).
- Monitor multiple loads with one meter for a cumulative reading.
- Multiple Meter Unit (MMU) cabinets for up to 24 meters can be used to maximize space-restricted areas.

### **Features**

- Monitors a single electrical circuit, piece of equipment, department, tenant or even the entire building.
- 8-digit LCD display shows total energy consumption (kWh).
- Interfaces with RightEnergy software for tenant billing, cost allocation and graphing of energy usage.
- Create a virtual meter for common areas to spread these costs across all tenants pro rata.
- UL Listed/CSA Approved.
- Utility-grade accuracy.

### **Specifications**

- Available as stand-alone or MMU configuration.
- 0-2 Volt output split-core current sensors allow for remote mounting of sensors up to 2,000 feet away from meter without power interruption. (Optional solid-core sensors available).
- Parallel up to three (3) sets of current sensors for a cumulative reading.
- Meters can be used on 1 Phase, 2 Wire or 2 Phase, 3 Wire configurations. Contact factory for other configurations.
- Industrial grade JIC (Joint Industrial Council) steel enclosure with padlocking hasp and mounting flanges for indoor installation.

# **E-Mon®**

# CLASS 1000 SINGLE-PHASE kWh METER

**E-Mon D-Mon<sup>®</sup>**  
Metering Products & Systems

## Features

- Direct-read 8-digit LCD display without multiplier displays accumulative kWh and "real-time" kW load.
- Revenue-grade accuracy.
- Patented 0-2 volt output split-core current sensors promote enhanced safety and accurate remote mounting of current sensors up to 2000 feet from meter without power interruption. (Optional solid-core sensors available.)
- Parallel up to three (3) sets of current sensors for cumulative reading.
- Meter can be used in the following configurations:
  - 1-Phase, 2-Wire
  - 2-Phase, 3-WireFor other configurations, contact factory.
- Industrial grade JIC steel enclosure for indoor installations with 1 1/16" KO (3/4" cond.) on bottom of enclosure and 7/8" (1/2" cond.) on top of enclosure.
- Optional enclosures:
  - MMU (Multiple Meter Unit) Cabinets
  - NEMA 4X outdoor enclosure available
- Padlocking hasp & mounting flanges.
- Maintains reading in the event of power failure.
- Compatible with E-Mon D-Mon accessories.
- UL Listed/CSA Approved.
- Certified to ANSI C12.1 and C12.16 electronic meter national accuracy standards.
- Certified to California metering standards by the Bureau of Weights and Measures.
- New York City approved, Con Edison approved for RSP program.

MMU Style  
(Multiple Meter Unit)



Stand-Alone Configuration  
Dim: 6 3/4" H x 5 3/16" W x 3 1/4" D

## Model Numbers

### 120V, 1-Phase, 2W (4-Digit Display)

(Supplied with (1) split-core current sensor)

212025-SA KIT (25 amp)

212050-SA KIT (50 amp)

2120100-SA KIT (100 amp)

2120200-SA KIT (200 amp)

### 120/208-240V, 1- or 2-Phase, 3W

(Supplied with (2) split-core current sensors)

320825-SA KIT (25 amp)\*

320850-SA KIT (50 amp)\*

3208100-SA KIT (100 amp)\*

3208200-SA KIT (200 amp)\*

### 277V, 1-Phase, 2W (4-Digit Display)

(Supplied with (1) split-core current sensor)

227725-SA KIT (25 amp)

227750-SA KIT (50 amp)

2277100-SA KIT (100 amp)

2277200-SA KIT (200 amp)

For MMU-style add suffix "M" to the model number,  
e.g., 3208200-SAM KIT

\*For outdoor enclosure add suffix "R" to the  
model number, e.g., 3208100-SAR KIT

**E-Mon<sup>®</sup>**