

The Industry's Choice for Submetering
For Over 30 Years.

E-Mon D-Mon
Electric Submetering Products

Installs Easily In Minutes!

Step 1: Mount the
E-Mon D-Mon Meter.

Step 2: Install E-Mon's
split-core current sensors
around wire(s) to be monitored.

Step 3: Connect
voltage wires.



E-Mon
850 Town Center Drive - Langhorne, PA 19047
(800) 334-3666 - www.emon.com

- Commercial
- Multi-Family
- Industrial
- Education
- Government

E-Mon D-Mon

Electric Submetering Products



• Class 1000 & 2000 Standard Meters

- Single & Three Phase Meters
- Standard kWh readings
- Optional peak demand, date and time readings (three phase models only)
- Supplied in JIC steel enclosure or optionally in NEMA 4X outdoor enclosures
- Available in MMU Multiple Meter Unit cabinets
- Available with built-in wireless communications (Class 2100 & 4100 single & three-phase meters)

• Green Class & Green Class Net Meters

- kWh Readings
- Energy cost to date
- Present load in kW
- Projected cost based on present load
- Estimated CO2 emissions
- Projected CO2 emissions based on present load
- Optional Net metering
- Dual protocol communication available with Green Net meter



• Class 3200 Smart Meter

- Displays kWh, kW w/ peak date & time, real time kW, amps per phase and volts per phase
- Meter allows for on-board set up of meter date & time and ID code for communication options
- Supplied with one communication protocol; EZ7 E-Mon Energy (standard) Modbus RTU or BACnet MS/TP
- Supplied in NEMA 4X outdoor enclosures or optionally in JIC steel indoor enclosure
- Available in MMU Multiple Meter Unit cabinets



KW PEAK: 36.6 kW
ON DATE: 04/05
AT TIME: 00:30



• Split-Core Current Sensors

- Available 25-200 amp for Class 1000 meters
- Available 100-3200 amp for other E-Mon D-Mon meters
- 0-2 volt output at full load
- Remote mounting up to 2,000 feet from meter (500 feet for Smart Meters)
- Parallel up to three sets for totaled loads

• Class 3400 & 5000 Smart Meters

- Three-Phase meters
- Dual protocol communication options include:
 - EZ7 E-Mon Energy - Modbus RTU
 - Bodbus TCP/IP - BACnet MS/TP
 - BACnet IP - LonWorks FT-10
- Class 5000 provides two external meter inputs
- Class 3400 Expanded feature package adds load control, two external meter inputs and two pulse outputs

• MMU Multiple Meter Unit

- Class 1000, 2000 and/or 3200 meters and standard Green Class meters
- Up to 8, 16 or 24 meters per cabinet
- Optional "built-in" Interval Data Recorder (IDR)
- Space saving; from 24" x 12" x 7" to 30" x 24" x 7"
- Rugged JIC steel enclosure for indoor installation



- Tenant Billing
- Cost Allocation
- Energy Analysis
- Measurement & Verification
- Green Building Initiatives

* See separate flyer for submetering systems