

## E-Mon D-Mon Three Phase kWh/Demand Meters

### Class 2000

- Direct-read 8-digit LCD display of accumulative kWh and "real-time" kW load (no multiplier).
- Demand option displays kW/Demand and kW Peak date and time (15 minute interval standard, 30 minutes available)
- Utility Grade metering accuracy
- Split-core current sensors install without power interruption and allow remote mounting up to 2000 feet from meter
- Current sensor installation diagnostic indicator
- Parallel up to three (3) sets of current sensors for cumulative reading
- Use on 3Ø 4-Wire, 3Ø 3-Wire & 2Ø 3-Wire systems
- Optional removable terminal block for pulse output
- Industrial-grade steel enclosure standard (for indoor installation); MMU (Multiple-Meter Unit) cabinet & NEMA 4X raintight enclosure optional
- Non-volatile memory
- UL Listed/CSA Approved, Made in USA
- Certified to California metering standards Bureau of Weights and Measures. Listed by the California Energy Commission. New York City approved, Con Edison approved for RSP program.



← **Class 2000**

Dimensions: 7¼" H x 7" W x 3¼" D

### ORDERING INFORMATION

To Order—Insert Code for Each Letter to Select Catalog Number.  
Order Example: 208100DR KIT

**A** **B** **C** **D**

<b>A</b>	System
208	120/208-240V, 4W or 240V, 3W
480	277/480V, 4W or 480V, 3W
<b>B</b>	Split-core Sensor Rating
100	100A (7/8"x1½" window)
200	200A (7/8"x1½" window)
400	400A (1½"x2¾" window)
800	800A (3¼"x4½" window)
1600	1600A (3¼"x4½" window)
3200	3200A (6"x8" window)
<b>C</b>	Options (omit if no options)
D	Demand
M	MMU cabinet
R	Outdoor enclosure
ST	Removeable terminal block for pulse output
<b>D</b>	
KIT	Includes meter & 3 split-core current sensors

**IDR** →



## E-Mon D-Mon Interval Data Recorder

- Reads & records up to 8 or 16 meters; read meters individually or in groups
- Reads kWh (kilowatt-hours) and reads kW (Demand) in 15, 30 or 60-minute kW periods
- Internal data storage for 36 days of 15-minute intervals
- RS-485 communications to computer and other IRDs. Baud rate selectable up to 19200 bps
- Also supports up to 52 Class 3000 meters in either "daisy chain" or "star" configuration
- Powered from E-Mon D-Mon meters (IDR-ST requires 120V power)
- Non-volatile memory maintains data in case of power failure
- Can be mounted on the inside back wall of the MMU cabinet
- Industrial-grade JIC steel enclosure has padlocking hasp, mounting flanges & three ¾" conduit knockouts on bottom

Use with any model E-Mon Energy Meter except wireless units.

First meter (which supplies power to IDR) must be within 100 ft. Other meters can be up to 500 ft from IDR.

Dimensions: 9½" H x 6¾" W x 3¾" D

### ORDERING INFORMATION

IDR-8 Interval Data Recorder for up to 8 meters

IDR-16 Interval Data Recorder for up to 16 meters

#### Options:

For screw terminals in place of all RJ jacks, add suffix ST to the end of the model (e.g IDR-8-ST)

For IDR-16 with 8 RJ Jacks and 8 screw terminals, add suffix RJST to the end of the model (IDR-16-RJST)

For Built-In Telephone Modem, add suffix M

For Modbus communication, add suffix RTU