CLASS 2000
3-Phase KWH/Demand Meter

E-Mon D-Mon
Energy Monitoring Products & Systems

Features

- Direct-read 2-line alpha-numeric LCD display without multiplier displays cumulative kWh & "real-time" kW load.
- Demand option displays kW/Demand and kW Peak date and time (15 minute interval standard, 30 minute or 60 minute intervals available.)
- Available in MMU (Multiple Meter Unit) enclosures containing up to 24 meters in one compact enclosure.
- 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 for 100 & 200 Amp meters.)
- Onboard installation diagnostics & verification system.
- Parallel up to three (3) sets of current sensors for cumulative reading.
- Meter can be used on the following configurations:
  3-Phase, 4-Wire
  3-Phase, 3-Wire
  For other configurations contact factory.
- Fixed-value pulse output.
- Industrial grade JIC steel enclosure (standard) with padlocking hasp & mounting flanges for indoor installation. Knockouts 1 1/16" (3/4" cond.) bottom, 7/8" (1/2" cond.) top.
- Optional NEMA 4X polycarbonate enclosure with padlocking hasp & mounting flanges for indoor/outdoor installation (stand alone) with one 1 1/16" KO on bottom of enclosure.
- Non-volatile Memory.
- UL/CUL Listed.
- Revenue Grade Accuracy. Certified by independent test lab to ANSI C12.20 national accuracy standards. (+/- 0.2% from 1% to 100% of rated load.)
- California CTEP approved for use with solid-core current sensors. Listed by the California Energy Commission.
- 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

120/208-240V, 3-Phase

Amperage	KWH Meter	KWH/Demand Meter
100 Amp	E20-208100-JKIT	E20-208100-J-D-KIT
200 Amp	E20-208200-JKIT	E20-208200-J-D-KIT
400 Amp	E20-208400-JKIT	E20-208400-J-D-KIT
800 Amp	E20-208800-JKIT	E20-208800-J-D-KIT
1600 Amp	E20-2081600JKIT	E20-2081600J-D-KIT
3200 Amp	E20-2083200JKIT	E20-2083200J-D-KIT

277/480V, 3-Phase

Amperage	KWH Meter	KWH/Demand Meter
100 Amp	E20-480100-JKIT	E20-480100-J-D-KIT
200 Amp	E20-480200-JKIT	E20-480200-J-D-KIT
400 Amp	E20-480400-JKIT	E20-480400-J-D-KIT
800 Amp	E20-480800-JKIT	E20-480800-J-D-KIT
1600 Amp	E20-4801600JKIT	E20-4801600J-D-KIT
3200 Amp	E20-4803200JKIT	E20-4803200J-D-KIT

347/600V, 3-Phase (Wye Configuration)

Amperage	KWH Meter	KWH/Demand Meter
100 Amp	E20-600100-JKIT	E20-600100-J-D-KIT
200 Amp	E20-600200-JKIT	E20-600200-J-D-KIT
400 Amp	E20-600400-JKIT	E20-600400-J-D-KIT
800 Amp	E20-600800-JKIT	E20-600800-J-D-KIT
1600 Amp	E20-6001600JKIT	E20-6001600J-D-KIT
3200 Amp	E20-6003200JKIT	E20-6003200J-D-KIT

Optional Meter Enclosures

Replace "J" in model number with optional enclosure specification.

Specification M - MMU Configuration
(ex. E20-208100-MKIT)
Specification R - NEMA 4X Raintight Enclosure
(ex. E20-6001600RKIT)

NOTE: All meter kits include one set of three (3) split-core current sensors

E-Mon®
Energy Monitoring Products

- Meter shall be fully electronic with a 2-line alpha-numeric LCD display without muiltiplier displaying cumulative kWh and “real-time kW load. Meter shall provide rate of consumption indication and also a test sequence to ensure integrity of the display.
- Meter shall be optionally available with kW/Demand and kW peak date and time displays. (15 minute interval standard, 30 minute or 60 minute intervals available.)
- Meter shall provide a load indicator to indicate real-time consumption levels for field testing and certification.
- Meter shall provide current sensor installation diagnostics indicator.
- Meter shall use 0-2 volt output current sensors to allow paralleling and/or mounting up to 2,000 feet from the meter. Sensors shall be of split-core configuration to allow installation without powering down. Sensors shall be available from 100 amp to 3200 amp. Sensors shall be optionally available in solid-core configuration (100 & 200 amp.)
- Meter shall be enclosed in a heavy-duty JIC steel enclosure suitable for indoor installation. Meter enclosure provides a method of locking to prevent unauthorized access.
- Meter shall be optionally available in an outdoor NEMA 4X polycarbonate enclosure with padlocking hasp & mounting flanges for indoor/outdoor installation.
- Meter shall be optionally available in MMU (Multiple Meter Configuration) enclosures containing up to 24 meters in one compact enclosure.
- Meter shall be UL Listed/CUL Listed to latest applicable standards for safety.
- Meter shall be certified by a nationally recognized independent test facility to ANSI C12.20 (+/- 0.2% from 1% to 100% of rated load) specifications.
- Meter shall be California CTEP approved for use with solid-core current sensors, listed by the California Energy Commission, New York City approved and Con Edison approved for RSP program.
- Meter shall be provided with a non-volatile memory to maintain reading during power outages.
- Meter shall be provided with modular connector(s) to provide interfacing with:
  - AMR (Automatic Meter Reading)
  - Building Management/Energy Management Systems
- Meters shall be compatible with E-Mon Energy™ software.