

Honeywell E-Mon

Honeywell E-Mon CLASS 2000 3-Phase KWH/Demand Meter

PRODUCT DATA

MMU Style
(Multiple Meter Unit)
MMU8, 16 or 24



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

- 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.
- Con Edison approved for RSP program.

MODEL NUMBERS

Table 1. 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

Table 2. 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

Table 3. 347/600V, 3-Phase.

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

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 interval 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 2,000 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 kWh pulse output
- Industrial 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.



38-00065-01

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

SPECIFICATIONS

- Meter shall be fully electronic with a 2-line alpha-numeric LCD display without multiplier 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 interval 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 with split-core current sensors.
- Meter shall be California CTEP approved for use with solid-core current sensors, listed by the California Energy Commission, 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 Honeywell E-Mon Energy™ software.

ORDERING INFORMATION

When purchasing replacement and modernization products from your TRADELINE® wholesaler or distributor, refer to the TRADELINE® Catalog or price sheets for complete ordering number. If you have additional questions, need further information, or would like to comment on our products or services, please write or phone:

1. Your local Honeywell Environmental and Combustion Controls Sales Office (check white pages of your phone directory).
2. Honeywell Customer Care
1985 Douglas Drive North
Golden Valley, Minnesota 55422-4386
3. <http://customer.honeywell.com> or <http://customer.honeywell.ca>

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