

SUB Series GREEN CLASS NET METER

GUIDE SPECIFICATIONS

- Meter shall be fully electronic with digital 8-digit LCD display without multiplier displaying delivered kWh, Received kWh, Net kWh and real-time kW load. Meter shall provide rate of consumption indication and also a segment test button (CPU) to ensure integrity of the display.
- Meter shall provide load profiling data including:
 - Delivered kWh
 - Delivered kVARh
 - Received kWh
 - Real-time readings of Power Factor, kW, kVA, kVAR, Amps per phase, volts per phase & Frequency (available via E-Mon Energy software.)
- Meter shall provide a load indicator to indicate real-time consumption levels for field testing and certification.
- Meter shall be equipped with current sensor diagnostic indicator for installation verification.
- Meter shall be enclosed in a green heavy-duty JIC steel enclosure suitable for indoor installation. Meter enclosure provides a method of locking to prevent unauthorized access.
- Meter shall be UL Listed/CUL Listed, certified by a nationally recognized independent test facility to ANSI C12.1 and C12.16 specifications with split-core current sensors.
- Meter shall be provided with a non-volatile memory to maintain reading during power outages.
- Meter shall use 0-2 volt output current sensors to allow paralleling and/or mounting up to 500 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.
- Meters shall be capable of paralleling up to three (3) sets of current sensors for cumulative reading of multiple loads fed by common transformer.
- Meter shall be optionally available with the following communication options:
 - RS-232/RS-485 (for use with E-Mon Energy Software)
 - Ethernet Communication (for use with E-Mon Energy Software)
- Meters shall be compatible with E-Mon Energy™ software.

Automation and Control Solutions

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