

E-Mon D-Mon[®] METER

TECHNICAL SPECIFICATIONS



Voltage Input Configuration	2-wire, 3-wire and 4-wire. This covers all secondary voltage supplies; single-phase, split-secondary and three-phase, both grounded and ungrounded.
Voltage Input	Up to 600 volts rms AC
Current Range	Up to 3200 amps rms AC
Power Factor	0.5 leading or lagging
Frequency	50 Hz to 60 Hz
Accuracy	Certified to ANSI C12.20 National Accuracy Standards
Humidity	0-95% non-condensing
Temperature Range	-20°C to +50°C
Voltage overload	+25% continuously
Current Overload	Can be overloaded 100% without damaging meter
Display	Fully electronic LCD display (electromechanical on Class 4000 & 4100) Manual demand reset to zero (Class 1000, 2000, 2100 and Green Class only)
Options	Peak demand, pulse output, multiple meter unit (MMU) enclosures for 8, 16 or 24 meters, solid-core current sensors (100& 200 amp only)
Standard Ranges	120 volts; 25, 50, 100 or 200 amps 120/240 volts; 25, 50, 100, 200, 400, 800, 1600 or 3200 amps 120/208 volts; 100, 200, 400, 800, 1600 or 3200 amps 277/480 volts; 100, 200, 400, 800, 1600 or 3200 amps 347/600 volts; 100, 200, 400, 800, 1600 or 3200 amps
High Voltage	For 2100V, 4160V and other high-voltage applications contact E-Mon at (800) 334-3666.
Outdoor/MMU Enclosures	See individual meter spec sheets for enclosure options.

Many E-Mon D-Mon products have been tested and approved by independent agencies including:

<p>National Approvals UL/ CUL Listed ANSI C12.20 Certified (+/- 0.2% from 1% to 100% of rated load (National Accuracy Standards) by independent test lab.</p>
<p>State and Local Approvals</p> <p>CA - California Bureau of Weights & Measures, DWP-Los Angeles, SCE-Westminster, SDG&E-San Diego CO - Public Service of Colorado-Denver FL - Tampa Electric-Tampa MI - Detroit Edison-Detroit NJ - NJ Dept. of Energy-Newark, PSE&G Approved for DSM program NH - New Hampshire Electric Co.-Plymouth NY - NYC Approved for RSP program, City of NY-Bureau of Electrical Control, ConEd Approved for RSP PA - PECO Energy-Berwyn SC - State of SC-Columbia VA - Appalachian Power Company-Roanoke PR - PREPA Approved-Puerto Rico</p>

