

# i-meter<sup>®</sup> 636

## Multi-Function 16 Element Meter



- ◆ Voltage Auto Ranging, 90 to 600V 'Y'\*
- ◆ 1, 2, or 3 phase circuit metering
- ◆ Wide frequency range 45-65 Hz
- ◆ Uses Self-shorting current transformers
- ◆ Meets ANSI revenue standards
- ◆ Optional data display can be mounted in a utility room or management office
- ◆ Support Building Automation Systems in ModBus RTU or TCP/IP, BACnet MSTP or TCP/ IP and pulse output.
- ◆ Compact design usually installs right next to the breakers can save valuable installation time
- ◆ Supports up to 16 Current inputs.



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## Product Summary

<b>Dimensions (Inches)</b>	16.5 H x 4.5 W x 2 D
<b>Dimensions (Millimeters)</b>	420 H x 115 W x 45 D
<b>Mounting Options</b>	External
<b>Meter Elements (CTs)</b>	1 to 16
<b>Voltage</b>	Auto range 120-347VAC (L-N), -20% to +10% of rating
<b>Service type:</b>	1Ø2W, 1Ø3W, 2Ø3W, 3Ø4W wye, 3Ø3W Delta*
<b>Current Transformers</b>	100 mA, Self-Shorting Protection
<b>Instrument Transformers Interface</b>	Yes
<b>Memory</b>	45 days (5 min intervals) kWh
<b>Pulse Output</b>	Wh
<b>Communications</b>	ModBus RTU or TCP/IP, BACnet MSTP or TCP/ IP and pulse output.
<b>Frequency</b>	45 to 65 Hz
<b>Accuracy Class</b>	0.5 (Meets ANSI C12.20)
<b>Real Time Measurements</b>	V, I, kW, kVA, kVar, PF, Hz
<b>Operating Temperature</b>	-40°C to +53°C
<b>Regulatory Compliance / Approvals</b>	cCSAus, cULus, CTEP (CA)
<b>Patent</b>	U.S. Patent No. 8,049,488

\*Delta systems require potential transformers

