

i-meter[®] 636

Multi-Function 16 Element Meter



Features

- ◆ Universal Voltage meter 120 to 600 V 'Y'*
- ◆ 1, 2, or 3 phase circuit metering
- ◆ Wide frequency range 45-65 Hz
- ◆ Uses Self-shorting current transformers
- ◆ Approved by Measurement Canada and meets ANSI revenue standards
- ◆ Optional data display can be mounted in a utility room or management office
- ◆ Support Building Automation Systems in Modbus, BACnet, RF or TCP/IP
- ◆ Compact design usually installs right next to the breakers can save valuable installation time
- ◆ The i-meter[®] 636 works as a 16 single phase, 8 2-phase or 5 3-phase meter

i-meter® 636

Product Summary

Dimensions (Inches)	16.5 H x 4.5 W x 2 D
Dimensions (Millimeters)	420 H x 115 W x 45 D
Mounting Options	Embedded/External
Meter Elements (CTs)	1 to 16
Voltage	Auto Ranging, 90 to 600V ‘Y’
Service type:	1Ø2W, 1Ø3W, 2Ø3W, 3Ø4W wye, 3Ø3W Delta*
Current Transformers	100 mA, Self-Shorting
Instrument Transformers Interface	Yes
Memory	45 days (5 min intervals) kWh
Pulse Output	Wh
Communications	Modbus RTU, BACnet MS/TP, RF, Ethernet, TCP/IP
Frequency	45 to 65 Hz
Accuracy Class	0.5 (Meets ANSI C12.20)
Real Time Measurements	V, I, kW, kVA, kVar, PF, Hz
Operating Temperature	-40°C to +53°C
Regulatory Compliance / Approvals	Measurement Canada, cCSAUS, cULUS, CE, CTEP (CA)
Patent	U.S. Patent No. 8,049,488

*Delta systems require potential transformers