

The Benefits of Dual Solid-State Electricity Metering

- **Two Point Metering**
- **Reliable, Accurate Metering**
- **Cost Effective**
- **Convenient**
- **Easy To Install**

Two Point Metering

The new Intellimeter ABP-120 transducers are two complete 3-phase, 3-element meters. kWh energy is separately metered and a pulse output generated for each of two loads. The ABP-120 transducer is a single electronic package which greatly reduces installation cost and equipment cost per metered load.

Accurate, Reliable Solid-State Technology

The Intellimeter ABP-120 transducers are convenient, cost-effective, solid-state meters that measure and generate electrical energy usage pulses in tenant monitoring applications such as commercial buildings, shopping malls, airports and other multiple point operations. The ABP-120 transducer provides accurate and reliable information to help you manage electricity expenses.

The ABP-120 transducer has 2 pulse outputs for remote reading by an EMS and RF AMR system. The ABP-120 is compatible with the Intellimeter System.

Easy to Install and Use

The ABP-120 transducer is easily installed next to the electrical lines supplying the loads to be measured. Tap into the voltage, install the solid or split-core current transformers around the wires carrying current to the loads and the job is complete. No rewiring or meter sockets are necessary and you can install the ABP Meter without interrupting service to the rest of the building.



Intellimeter ABP-120

Automatic Remote Metering

The ABP-120 has two pulse outputs which lends itself well to RF AMR system applications.

Visit Us On The Web
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Features

- Easy installation
- Complies with FCC rules and regulations
- Sealable
- Compatible with 0.1 amp secondary current transformers including split-core types
- Easy to use multipliers - same for kWh and kW

Specifications

Electrical Service

	Meter Type
120V 1-Phase, 2-Wire	ABP-120
3-Wire High Voltage using Voltage Transformers	ABP-120
120/208V 3-Wire Network	ABP-120
120/208V 3-Phase, 4-Wire Wye	ABP-120
120/240V 1-Phase, 3-Wire	ABP-120
277/480V 3-Phase, 4-Wire Wye	ABP-277
346/600V 3-Phase, 4-Wire Wye	ABP-346

Voltage: Nominal $\pm 10\%$, 50/60Hz, 9 watts
Nominal (Line-To-Neutral) 120, 277, 346
Installation Overvoltage Category III
Pollution Degree 2

Power Factor: Accurate at any

Temperature: -20°C to +50°C

Altitude: Up to 2,000m

Humidity: Maximum relative humidity 80% for temperatures up to 31 °C decreasing linearity to 50% relative humidity at 40 °C

Accuracy: Exceeds ANSI C12.16

Burdens: 9VA max overall, 0.1 VA per current input

Enclosure: 8"W x 10"H x 3"D

Current

Transformers: 0.1 amp secondary output

Pulse Output: Form C or Form A contacts