

# Yellowstone

## 4 Wire, 120 volts to Neutral 208 volt, 3 phase Meter

The Yellowstone watt-hour meter is used to measure the power by a 208 volt, three phase electrical system with a neutral (wye configuration). If a neutral is not present, the Zion meter should be used instead. If the system is a "wild leg" system (120 volts between neutral and two of the legs and 208 volts between neutral and the other leg), use the Gettysburg meter.

### *Available Models*

#### **Yellowstone 200**

Stand-alone power meter capable of measuring up to 200 amps.

#### **Yellowstone 100\***

Stand-alone power meter capable of measuring up to 100 amps.

#### **Yellowstone 20\***

Stand-alone meter capable of measuring up to 20 amps. This meter is useful for measuring power used by a single appliance or circuit.

#### **Yellowstone Plus 200, 100 & 20**

Computer-readable power meters that communicate over the power line.

#### **Yellowstone Plus IO\* 200, 100, 20**

Computer-readable power meter with ability to control relays, read pulse type meters (water, gas etc), or monitor switch positions. Up to three functions in any combination

#### **Yellowstone C**

The 200 amp versions are available for revenue billing use in California

### *Suggested Options*

Model 4900 Tamper shield allows meter to be sealed  
Model 4910 Counter label for mounting on power pedestal  
Model 4925 Mounting plate for electro-mechanical display

\* Special Order Item. Not normally stocked.



**The Yellowstone watt-hour meter**

The current transformers are the round donuts on the left with the wires coming out of them. The electromechanical display counter is shown at top center. A pencil is shown as a size reference. A small screw driver that fits the meter terminal screws is shipped with each meter order.

### *Installation Considerations*

See the Basic Meter Installation sheet for detailed instructions on installing the meters. If you are installing a Plus model of the Yellowstone meter, see the detailed EZ Meter Watt-hour Meter Reference Manual for layout considerations and the Plus Meter Installation sheet for additional info about installing these models.

The model 4110 (stand-alone) and model 4310 (computer-readable) electronics modules will accommodate one, two or three current transformers. When installing only one current transformer, it must be connected to the CT #1 Red and CT#1 Black terminals and the voltage reference must be connected to 90-140VAC #1. Connecting in any other manner will prevent the meter from proper operation.

### *Certifications*

All models of the Yellowstone meter have been tested by Underwriters Laboratories to UL1244 and are recognized components when installed in a NEMA enclosure appropriate for the location. The meters meet or exceed the accuracy standards of ANSI C12.1(1995). The 200 amp versions of this meter are approved for revenue billing in California.

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