

Sequoia

2 Wire, 120 volts to Neutral

The Sequoia watt-hour meter is used to measure power used by a single 120 volt electric system. It consists of a 4010 or 4210 electronics module, a single current transformer, and an electro-mechanical counter that displays the accumulated power used.

Available Models

Sequoia 200

Stand-alone power meter capable of measuring up to 200 amps. This meter and the Yosemite 125 are perfect for marina power pedestals where only 120 volt service is furnished.

Sequoia 100*

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

Sequoia 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. It can be installed in a small box in the middle of an extension cord and easily moved to measure the power consumption of different appliances.

Sequoia Plus 200

Computer-readable power meter capable of measuring up to 200 amps. Power line communications only.

Sequoia Plus 100

Computer-readable power meter capable of measuring up to 100 amps. Power line communications only.

Sequoia Plus 20*

Computer-readable power meter capable of measuring up to 20 amps. Power line communications only.

Sequoia Plus IO 200, 100*, & 20*

Computer readable power meters capable of measuring up to 200, 100 or 20 amps in each circuit, respectively. All support power line and twisted pair communications. Three I/O ports for monitoring switches, controlling relays and reading pulse type meters (water, gas, etc).

* Special Order Item. Not normally stocked.



The Sequoia watt-hour meter

The current transformer is the round donut on the left with the wires coming out of it. 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 Sequoia 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 4010 (stand-alone) and model 4210 (computer-readable) electronics modules will accommodate one or two current transformers. In fact, a Yosemite meter system is simply a Sequoia with a second current transformer. 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 Sequoia 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). These meters are also available modified to meet the requirements of the State of California for revenue billing.

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EZ
METER

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