

Lassen

4 Wire, 277 volts to Neutral

The Lassen watt-hour meter is used to measure the power by a 277/480 volt, three phase electrical system with a neutral (wye configuration). The meter consists of a Model 3310 (stand alone) or 3310 (computer readable), three current transformers, and an electro-mechanical counter that displays tenths of kilowatt hours.

Available Models

Lassen 200

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

Lassen 100

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

Lassen 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.

Lassen Plus 200*, 100*, & 20*

Computer-readable power meters capable of measuring up to 200 amps, 100 amps, or 20 amps respectively. Communication is over the power line. Model 4810 and 4820 interface modules are required to complete the system.

Lassen Plus IO 200*, 100* & 20*

Computer-readable power meter capable of measuring up to 200 amps, 100 amps, or 20 amps respectively. Communication is over the power line or over a twisted pair. In addition, these meters can monitor up to 3 switch positions, control up to 3 relays, or count pulses from up to 3 water or gas meters.

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 Lassen 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 Lassen 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 3110 (stand-alone) and model 3310 (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

The Lassen meters meet or exceed the accuracy standards of ANSI C12.1(1995). They have not been tested by Underwriters Laboratories, CSA or any other product safety organization.

Davidge Controls

583 N Refugio Rd
Santa Ynez CA 93460-9701
www.davidgecontrols.com



Toll free (800) 824-9696
Direct (805) 688-9696
Fax (805) 688-3306
moreinfo@davidgecontrols.com