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LEVITON

Smartgrid Solutions

Innovations for utilities and their customers.





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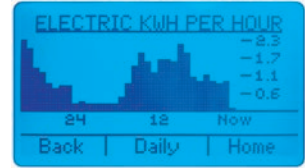
Authorized distributor

 **ZigBee®**
Certified product

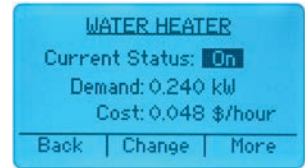


- ZigBee® Smart Energy
- Signal strength indicator

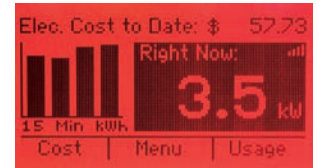
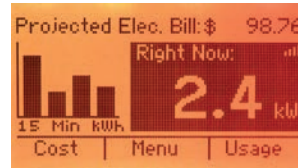
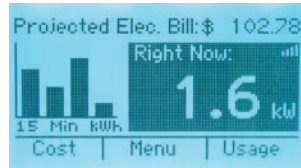
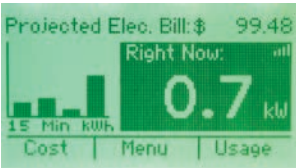
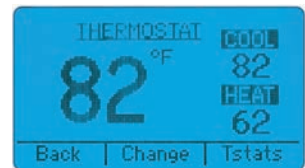
Energy usage view displays information on kWh used per hour or per day.



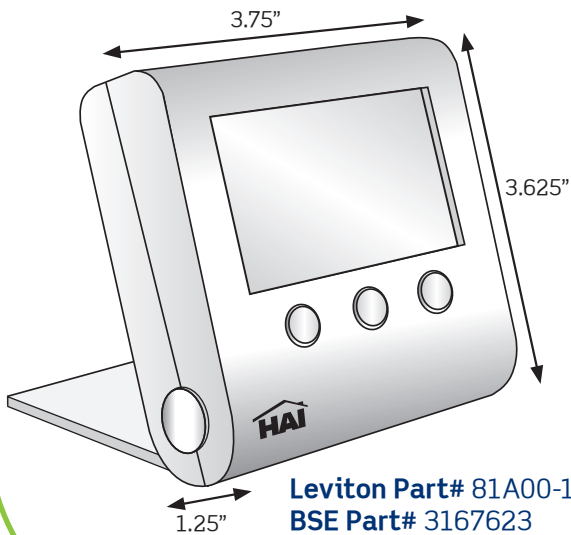
The LCM view allows for monitoring and control of high load devices.



View thermostats, adjust setpoints, and see live ZigBee® signal strength.



The IHD's LCD display color changes to indicate tier and real-time kWh price.



Leviton Part# 81A00-1WHS-EP
BSE Part# 3167623
Power via isolated plug-in power supply or internal rechargeable battery.

In-Home Display (IHD)

The In Home Display (IHD) lets utility customers track their energy usage in chart or graph form based upon kWh used. Screens are customizable to provide any type of energy awareness information that a customer may require including carbon footprint data, total energy consumption, and comparative analysis with typical energy use. The IHD's environmentally-friendly internal backup battery notifies homeowners of power outages or remote disconnect. The large graphic energy display can change color as energy prices or events change. It can receive custom real-time messages from the utility company regarding billing, energy prices, and more. The IHD is portable, or can be wall-mounted.

Approvals UL · UL-C · FCC · IC · IEC · CE



Load Control Modules (LCMs)

Utility customers can now control a wide variety of high consumption devices, such as water heaters, pool pumps, and air conditioners, for use in smart grid deployments. LCMs are perfect for time-of-use and demand response programs. LCMs on air conditioning units include current measuring, which senses the status of the load and allows for measure and display of current consumption. Additional features include very low power consumption and a compact size.

The Indoor Plug-In LCM serves small appliance and lighting applications and can function as a repeater for ZigBee® systems, extending the range of control for sheddable loads.

LCMs can be controlled remotely by the utility company or by the homeowner via an Internet connection. They can also be controlled locally using the Omnistat² Programmable Communicating Thermostat (PCT) or In-Home Display (IHD).

 • ZigBee® Smart Energy
• Signal strength indicator



More Leviton Smartgrid Solutions at
<http://smartgrid.homeauto.com>



Leviton Part# 73A00-3SHP
BSE Part# Contact Us



Leviton Part# 73A00-4SHP
BSE Part# 3167617



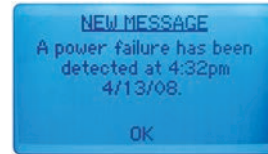
Leviton Part# 89A00-1SHP
BSE Part# Contact Us

Dimensions	4" x 4.5" x 2"	4" x 4.5" x 2"	2" x 3" x 1.25"
Load	30A	5A	15A
Power Rating	Universal 96-250VAC and 50/60Hz	Universal 96-250VAC and 50/60Hz	120VAC 60Hz
Communications	Wireless: FlexNet and ZigBee®	Wireless: FlexNet and ZigBee®	Wireless: ZigBee®
Application	Indoor/Outdoor	Indoor/Outdoor	Indoor
Approvals	UL · UL-C · FCC · IC · IEC · CE	UL · UL-C · FCC · IC · IEC · CE	UL · UL-C · FCC · IC · IEC · CE

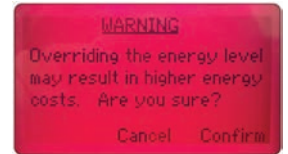


ZigBee® Smart Energy
 Signal strength indicator

Featuring customizable user messaging capability



Standard

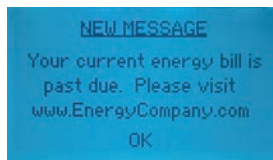


Demand Response

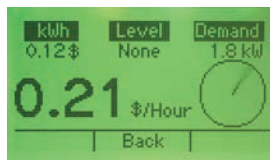
The Omnistat2 Programmable Communicating Thermostat (PCT) allows utilities to combine the display capabilities of an IHD and the load control capabilities of a LCM in one device. For the utility, the Omnistat2 provides reliable and load shedding for demand response applications that can be customized for specific load profiles. For the consumer, the Omnistat2 has all of the information about usage and price from the utility along with a programmable thermostat that saves money.

Approvals UL · UL-C · FCC · IC · IEC · CE

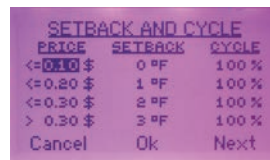
The Omnistat2's LCD display color changes to indicate tier and real-time kWh price.



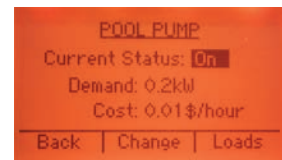
Messages



Energy Meter



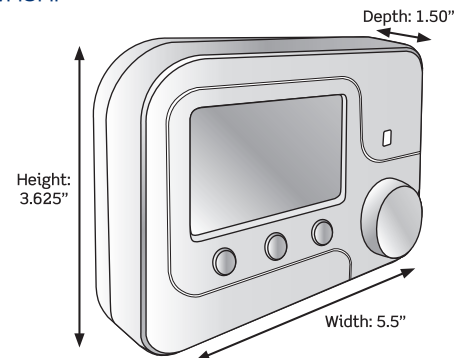
Setback Price



Load Control

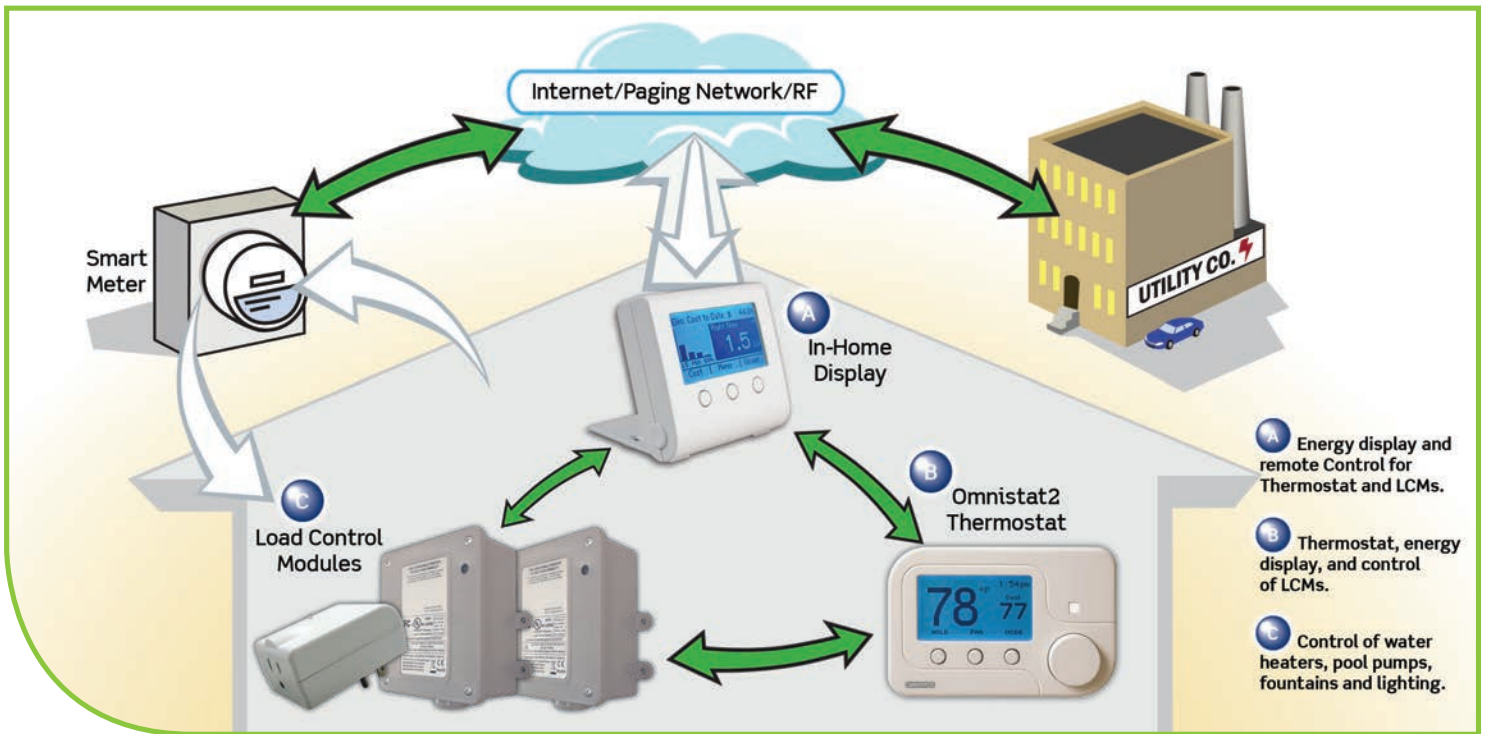
The Omnistat2 features variants for multiple applications.

	Leviton Part#	RC-2000WHSHP	RC-1500WHSHP	RC-1000WHSHP
	BSE Part#	3167700	Contact Us	3167692
Single-stage heat/cool				
Heat pump				
Multi-stage heat pump				
Multi-stage heat conventional				
Humidification				
Dehumidification				



A full range of Omnistat2 accessories are readily available:

Leviton Part# 23A00-1	BSE Part# 3167508	Surface Mount Remote Indoor Temp Sensor
Leviton Part# 23A00-2	BSE Part# 3167509	Flush mount Remote Indoor Temp Sensor
Leviton Part# 29A00-1	BSE Part# 3167513	Thermostat Isolation Module
Leviton Part# 30A00-2	BSE Part# 3167515	Thermostat Power Supply Module
Leviton Part# 65A18-1	BSE Part# 3167607	Omnistat2 Trim Ring



Innovations for utilities and their customers.

Leviton's Smartgrid Solutions function as a complete network.

Leviton offers a full suite of Home Area Network (HAN) products through Border States including In-Home Displays (IHD), Load Control Modules (LCM), and Programmable Communicating Thermostats (PCT) designed to use ZigBee® Smart Energy and other RF network technologies for communication. These products are designed for Time of Use, AC Load Management, Peak Time Rebate, and Energy Awareness programs for utility companies interested in smart grid and tailoring load profiles for best use of assets.





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