

HEMS 220™ SINGLE PLUG **POWER MONITOR**

HEMS220-12015P

“unique power monitor
for energy conservation
and energy efficiency”



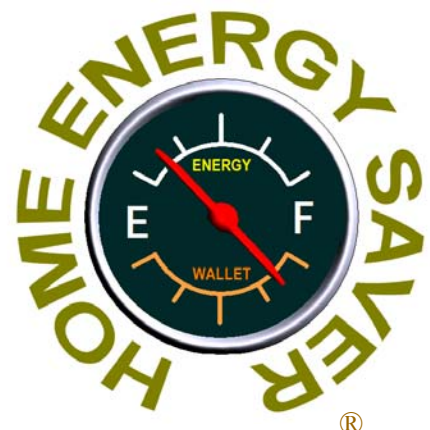
Revolutionary energy monitoring system for your home appliances – helps eliminate excess electric billing by scheduling your appliance’s electricity consumption.

The HEMS 220™ units provide Demand Response solutions for home peak demand, load management, and rate tiers.

- Simply plug in your appliances for total reliable control.
- Turn On/Off remotely using our cell phone application program.
- Use our HEMS-DR™ software in your home PC for total energy management .

You control usage not your appliance!

- Monitor usage, schedule ON/OFF
- Cost in dollars and cents
- Average daily and monthly cost
- Budget alarm and budget tracking
- Daily and monthly kWh Usage
- Savings of 20% to 30% on energy consumption



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www.hemstech.com



Technical Description.

The HEMS 220™ Single Plug is an easy use monitoring unit for any appliance or electronic device that requires control.

The device operates just like any standard receptacle but has the additional function of tracking the electricity use of an appliance.

Each HEMS 220™ Single Plug has a unique open standards radio for wireless mesh networked communications.

Voltage:	120 VAC maximum pass thru load
Current:	13 AMP maximum pass thru load
Remote:	ON/OFF
Power:	Measures true RMS power
IEC Rating:	521/1036 Specification requirements for a Class 1 AC Watt hour meter
UL:	Certification under UL 916 (Energy Management Equip)



OpenRF™ Mesh Radio:

Frequency:	902 -928 MHZ ISM
FCC:	Part 15 Certification
Range:	50 to 100 FT
Protocol:	Open Standards Mesh: Peer to Peer, Multipoint

 Making Wireless M2M Easy



XBee™ ZigBee™ Mesh Radio:

Frequency:	2.4 GHZ ISM or 902-928MHZ ISM
FCC:	Part 15 Certification
Range:	50 to 100 FT
Protocol:	ZigBee Alliance Compliant