

## PerpetualGreen's Energy Management Systems



PerpetualGreen™ is an industry leader in renewable and energy saving systems.

### EnergySave™ System (ESS)

PerpetualGreen's patented Energy Management Systems optimize electrical systems, to reduce power consumption by:

- Mitigating Electrical Surges/Spikes
- Regulating Harmonics and Voltage
- Lowering Current Draw
- Reducing Strain on Equipment, Motors, Appliances and Electronics
- Improving Motor Life
- Decreasing Downtime and Repairs.



These characteristics enhance the electrical system's effectiveness to extend the life of electrical and electronic equipment. And that translates to saving money on power bills.

### When savings are measured, savings improve



The EnergyTrack™ Monitor measures electricity use immediately and continually and displays the electrical cost per hour. This means you can see in real-time, the benefits of turning off electrical devices. This awareness modifies behavior and makes saving energy a habit. Clients save an average of 25% on their electrical bills with the EnergySave, EnergyTrack Monitor and EnergyTune™ Tools.

### Components and Features

- Real-time Energy Monitoring
- Active Capacitive Reactors
- Harmonic Frequency Regulators
- Intelligent Surge Protection
- Surge Protection (100,000 Amps)
- Voltage Regulators
- All Components UL Listed
- Increases Electrical System's Efficiency
- ISO 9000 Compliant
- Single & 3-Phase
- Regulated Voltage – 120/208 VAC to 277/480 VAC
- Continuous Operating Voltage – 260 Volts to 600 Volts
- Wire Rating – 600 Volts, THHN or MTW, Oil Resistant
- Dimensions – 16" x 14" x 4" up to 16" x 32" x 5 1/2"
- Weight – 18 Lbs to 54 Lbs
- 5-Year Limited Warranty

### Contact Us






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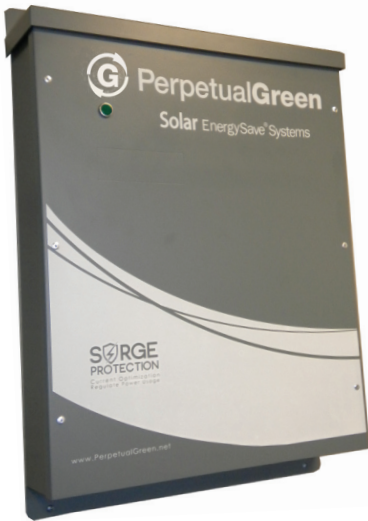


## EnergySave Premium Product Lines

PerpetualGreen's Premium Lines of EnergySave Products have all of the base line features of the EnergySave System and build on the base technology. Each product line has unique features and technology described below.

-  **Solar** EnergySave™ (SES)
-  **Builder** EnergySave™ (BES)
-  **Harsh Environment** EnergySave™ (HES)
-  **Dynamic** EnergySave™ (DES)
-  **Intellectual** EnergySave™ (IES)

The  designates the EnergySave system's ability to increase the effectiveness of *all* forms of renewable energy by adding sophisticated components. The **Solar** EnergySave System increases the efficiency of photo voltaic systems by 10-20%. When the **Solar** EnergySave System is integrated with any solar power system it becomes eligible for Government grants, accelerated tax deductions, state and utility rebates, and tax credits up to 60%.



**Builder** EnergySave is a structured system that allows for the pre-wiring of low voltage devices (phone, cable, internet, TV). The **Builder** incorporates either an ESS or SES to be a fully optimized system for renewable energy and energy efficiency. This flexibility allows builders an easy install and huge marketing advantage to promote their residential and commercial buildings as Green-Ready.™

**Harsh Environment** EnergySave is custom manufactured for the inhospitable conditions severe environments require. The Poron® gasketed heavy gage steel housing provides protection in the most unforgiving environments and withstands the toughest duty-cycle.

**Dynamic** EnergySave is designed to concurrently integrate several principles of physics, to safely balance the reactive energy of an electrical system to raise the energy efficiency to as close to 98% as possible – *at all times*. The result is unparalleled efficiency gains coupled with a quick return on investment.

**Intellectual** EnergySave has the balanced state of the **Dynamic** with a consciousness that thinks, intelligently communicates, and controls temperature, lighting, audio, video, pool pumps, garage doors, shades, computers, HVAC – virtually *anything* with an on/off switch. Monitor and manage energy use (and everything else) online through computer, smart phone or the **Intellectual's** in-wall touchscreen.

The **Intellectual** also collects real-time data, stores it, crunches it, and provides the answer to the query asked – in whatever form required. It records Energy Efficiency Certificates and Renewable Energy Certificates at the touch of a button.

The **Intellectual** EnergySave is completely customizable for residential, commercial, retail and industrial applications.

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