

## Intelligent Renewable Energy



**CONNECT™**

**GridPoint Connect™** is the first appliance to easily integrate renewable energy sources, automatically increase energy efficiency and provide clean, instant, reliable backup power.

The GridPoint® “plug-and-play” appliances seamlessly combine power electronics, high-capacity battery storage and an advanced computer. Backed by a comprehensive warranty and in compliance with UL safety standards, the appliance actively communicates with GridPoint’s network operations center to ensure optimal performance.

### Integrate Renewable Energy

GridPoint Connect makes it easy for homes and businesses to integrate renewable energy sources and sell excess power to the utility, reducing energy costs. GridPoint’s “plug-and-play” design replaces the traditionally complex balance of system (BOS) required for renewable energy installations. Additionally, GridPoint Connect qualifies for federal tax credits, allowing homeowners and businesses to claim up to 30% of the cost of the solar system, in addition to state and local incentives.

### Increase Energy Efficiency

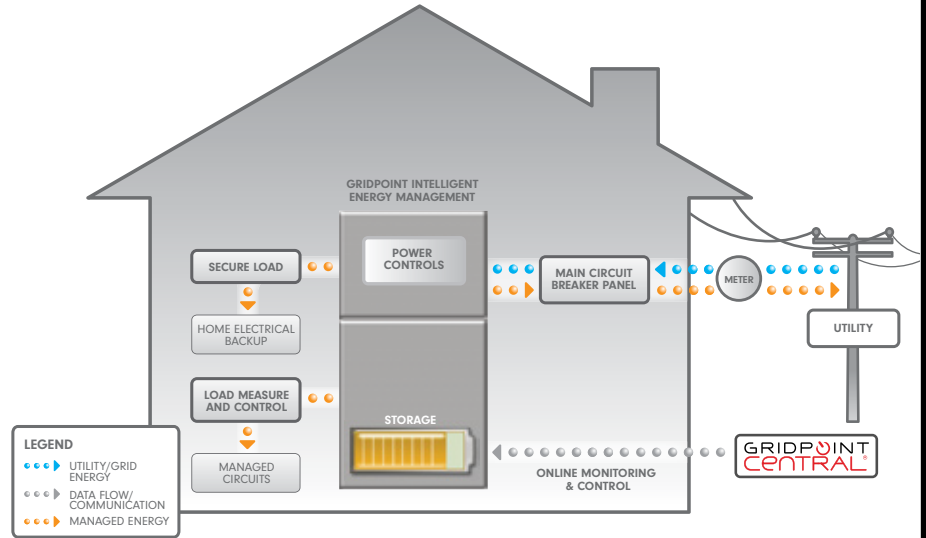
GridPoint Connect with GridPoint Central®, the first online energy management portal, provides customers with control over their energy consumption and costs. Customers gain detailed information including the amount of renewable energy produced, consumed, or sold to the utility and the most cost-effective time to run appliances. With this information, customers can create a personal energy profile instructing the GridPoint appliance to automatically and efficiently manage energy.

### Eliminate Power Outages

GridPoint Connect automatically provides clean, instant, reliable backup power to protect homes and businesses from blackouts, brownouts and power sags for critical loads such as computers, refrigerators, security systems, heating systems and well pumps. Unlike traditional backup power systems that release harmful emissions and require outdoor installation, GridPoint appliances are a clean technology designed for safe, indoor installation. Additionally, GridPoint appliances are monitored by GridPoint’s network operations center for optimal performance.

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Features	Benefits
<b>“Plug-and-play” integration with renewable energy sources</b>	<ul style="list-style-type: none"> <li>&gt; Connects easily to renewable energy sources like solar panels</li> <li>&gt; Enables usage of renewable energy sources even when traditional power is not available</li> <li>&gt; Suitable for new or retrofit installations</li> <li>&gt; Sells excess power back to the utility company</li> </ul>
<b>Elegant design, sophisticated engineering</b>	<ul style="list-style-type: none"> <li>&gt; Power electronics and high-capacity batteries</li> <li>&gt; Preemptive safety and performance monitoring</li> <li>&gt; Integrated user interface</li> </ul>
<b>Reliable backup power</b>	<ul style="list-style-type: none"> <li>&gt; Automatic switchover to backup power in less than 20 milliseconds</li> <li>&gt; High capacity, sealed, maintenance-free batteries (fully recyclable)</li> </ul>
<b>Easy installation and operation</b>	<ul style="list-style-type: none"> <li>&gt; All-in-one design eliminates complex installation</li> <li>&gt; 24/7 monitoring by the GridPoint network operations center ensures optimal performance and reliability</li> <li>&gt; Quick-connect input and output wiring</li> <li>&gt; Comprehensive warranty</li> </ul>

## GridPoint Connect 36 Appliance - Technical Highlights

- > Solid state, microprocessor controlled power electronics. Automatically isolates secure loads from grid during brownouts or blackouts
- > AC Power Rating: 3600 watts (7200 watt pass through)
- > Voltage: 120 VAC, single phase (120/240 VAC split phase available with separate adapter)
- > PV Array Maximum Recommended size: 5 kWp in multiple sub-arrays (works with any PV technology)
- > Battery Capacity: 10 kWh AC (will support 1 kW AC load for 10 hours)
- > Battery Type: High capacity, sealed, maintenance-free. Fully recyclable. Remote monitoring for continued performance and proactive replacement notification
- > Integrated metal enclosure for quick installation and maximum customer safety
- > Advanced monitoring ensures maintenance needs prompt a preemptive service call
- > Warranty: Five years parts and labor on inverter and charge controllers. Two years parts and one year labor on all other components
- > Ground Fault Protection for roof-mounted PV systems
- > Bypass switch to allow uninterrupted power even during system maintenance
- > Complies with NEC, UL (1741, 1778) and CSA (C22.2) standards
- > Integrated door open sensors
- > Dimensions: 24" (W) x 25.6" (D) x 52" (H)

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