LightGrid™ Gateway + Modem
Outdoor Wireless Control System 2.0

Description
LightGrid™ Outdoor Wireless Control System from GE allows remote monitoring and control, utility-grade energy measurement.

Applications
- Street Lighting
- Area Lighting

Product Features
- Each Gateway has Cell Modem
- GPS Module in every Gateway for Automatic Gateway Registration and Location Display in Control Software
- Facilitates Real-time Update of the Status of All the Fixtures
- Communication Hub for Self-Forming & Self-Restoring Node Mesh Network to Central Command
- Static IPV6 Data Addressing and Routing
- Industry Standard Secure Encrypted Communications
Product Specifications

- Input Voltage: 120-277V
- Operating Temperature: -40 to +50°C
- Surge: ANSI C136.2 2015, 6KV/3KA Combination Wave
- Power Consumption: typical 4W
- Radio Frequency: 915 MHz ISM Band, FCC CFR 47 15.247 Intentional Radiators, ICES-005
- Network Communication: IEEE 802.15.4, 6LoWPAN, 50 Channel FHSS
- GPS Accuracy: +/- 3m in Clear Open Sky
- Addressing: IPv6 protocol
- Security: AES Encryption and Certificate Based Authentication
- EMI: Complies with FCC CFR 47 15.208, 15.209 and ICES-005 (B) /NMB-005 (B)
- Ingress Protection: Class IP65
- Weight: 7 lbs
- Warranty: 5 Years Standard, 10 Year Extended Available

Ordering Number Logic

<table>
<thead>
<tr>
<th>ID</th>
<th>Voltage</th>
<th>Antenna Option</th>
<th>Location Option</th>
<th>GPS</th>
<th>Communication</th>
<th>Network</th>
<th>Options</th>
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</thead>
<tbody>
<tr>
<td>ELWG</td>
<td>0 = 120-277V</td>
<td>Standard 18°</td>
<td>XX = Default</td>
<td>G = Default</td>
<td>M = Modem ATT</td>
<td>A = Network A</td>
<td>None = Default</td>
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<td>R = Modem Rogers</td>
<td>B = Network B</td>
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<td>C = Network C</td>
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</tbody>
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Example:
ELWG0CXXGMA – 120-277V, Standard Antenna, GPS Gateway with Modem, Network A