THE FUTURE OF OUTDOOR LIGHTING

Combining the wind and sun into a stand-alone solution.

Alternate Energy Company
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Surpass Your Sustainability Goals
Our hybrid and solar-only models operate entirely off-grid, utilizing the power that is freely available from the wind and sun.

Reach New Locations
UGE lighting solutions can be installed in remote locations which are inaccessible to the electric grid.

Lower Your Costs
Avoid the high cost of wiring grid-connected lighting. Pour the foundation, install your streetlamps, and never pay to power them.

Demonstrate Your Commitment
Our lighting solutions are a practical and visible statement of your commitment to the environment.

Sit Back & Relax
With five days of battery back-up power, you will have no concerns if the sun stops shining and the wind stops blowing.
Solar powered off-grid lighting.

**Solar Power**
- Rated Power Output: 235 W
- Number of Panels: 1
- Dimensions: 1640mm x 992mm x 50mm (64.6in x 39.1in x 2.0in)

**Lighting**
- Light Type: LED
- Rated Power Output: 56 W
- Rated Voltage Input: 24 Vdc
- Lumen Output: 3128 lm
- Dimensions: 580mm x 278mm x 105mm (22.8in x 10.9in x 4.1in)

**Electronics**
- Controller Model: UGE-200-OGC
- Controller Output Voltage: 24 Vdc
- Recommended Battery Capacity: 150 Ah

**Tower**
- Design Features: Electronics enclosure / Decorative spiral
- Material: Structural Steel
- Finish: Galvanized or Powder Coating
- Height (Tower only): 8 m
- Enclosure Size: 85 cm x Ø60 cm

**Wind Power**
- Turbine Model: UGE-HoYi!
- Rated Power Output: 200 W
- Rated Wind Speed: 12 m/s

**Solar Power**
- Rated Power Output: 235 W
- Number of Panels: 1
- Dimensions: 1640mm x 992mm x 50mm (64.6in x 39.1in x 2.0in)

**Lighting**
- Light Type: LED
- Rated Power Output: 84 W
- Rated Voltage Input: 24 Vdc
- Lumen Output: 5208 lm
- Dimensions: 615mm x 400mm x 115mm (24.2in x 15.7in x 4.5in)

**Electronics**
- Controller Model: UGE-200-OGC
- Controller Output Voltage: 24 Vdc
- Recommended Battery Capacity: 150 Ah

**Tower**
- Design Features: Electronics enclosure / Decorative sail
- Material: Structural Steel
- Finish: Galvanized or Powder Coating
- Height (Tower only): 10 m
- Enclosure Size: 85 cm x Ø60 cm

Make an environmental statement while increasing energy reliability and minimizing your costs. Never consume grid energy again.
CASE STUDY

UGE partnered with Bn Group in Korea to install UGE’s Sanya hybrid lighting throughout the city of Busan, the second largest city and the Korea’s largest port city. The Sanya hybrid street lamps were placed in a diverse set of topographies: the seaside, high altitudes, and a basin area. Locations included: Amisan Observatory, Hwamyung Arboretum, Busan Central Park, Taejongdae, and the Bn factory.

The Bn Group customized the Sanya sail for their own message. All units are functioning properly and successfully delivering Busan’s first hybrid outdoor lighting solution!

The SANYA lighting solutions can save you money from Day 1.

Installation costs are often less than those of traditional, wired lighting systems. Over time, our solutions will further cut down your operating costs by not consuming any energy, saving you 35% of the project costs when compared to conventional lighting.

% savings

0 5 10 15 20 years

UGE®
THE POWER TO DREAM
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