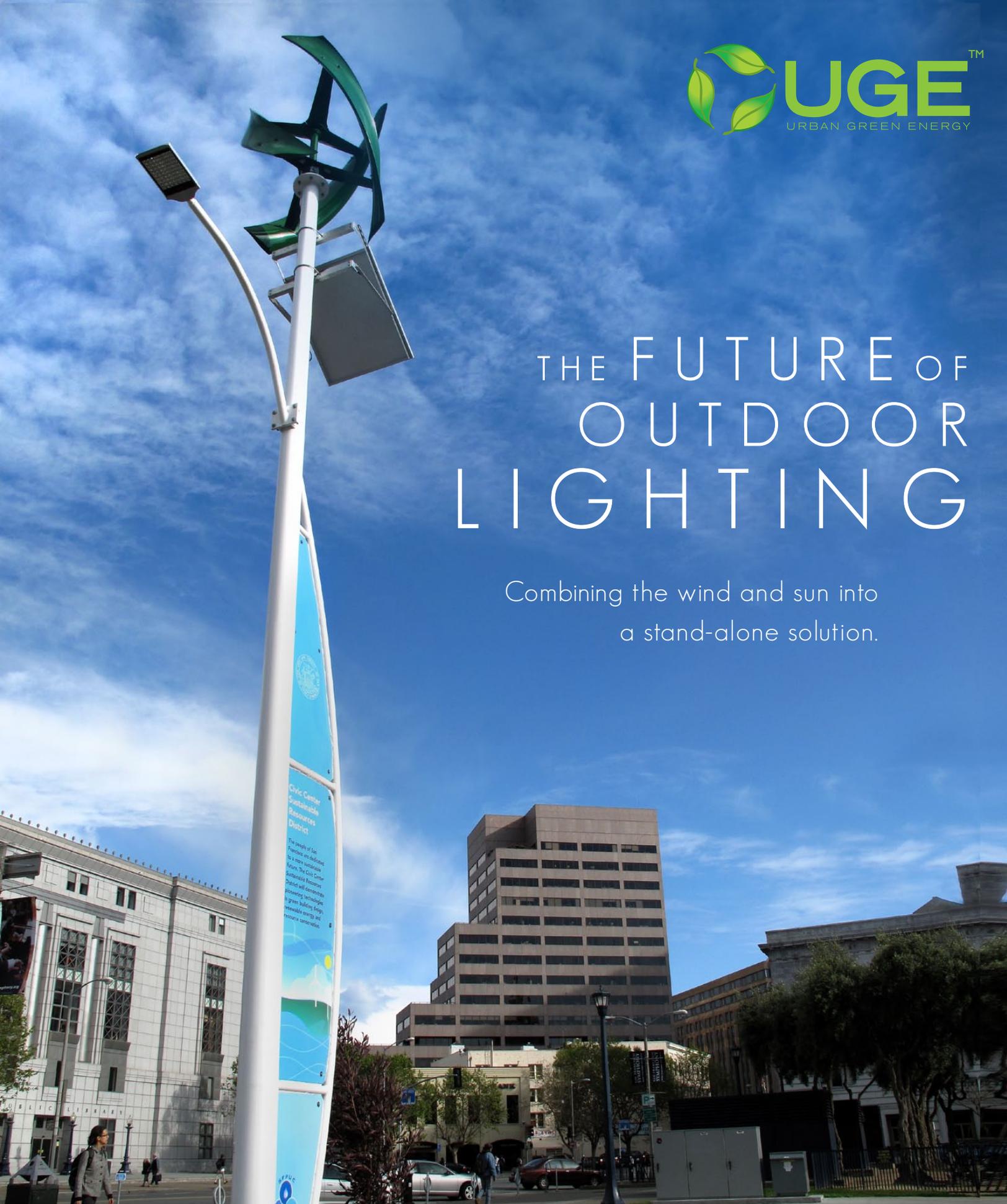


THE FUTURE OF OUTDOOR LIGHTING

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



SUSTAINABLE LIGHTING SOLUTIONS

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.



SPECIFICATIONS

The **SANYA** lighting series allows you to create stand-alone lighting solutions for any location. Outstanding quality, high functionality, economical, and elegant.

SANYA SLS

Capture the power of the wind and sun.

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

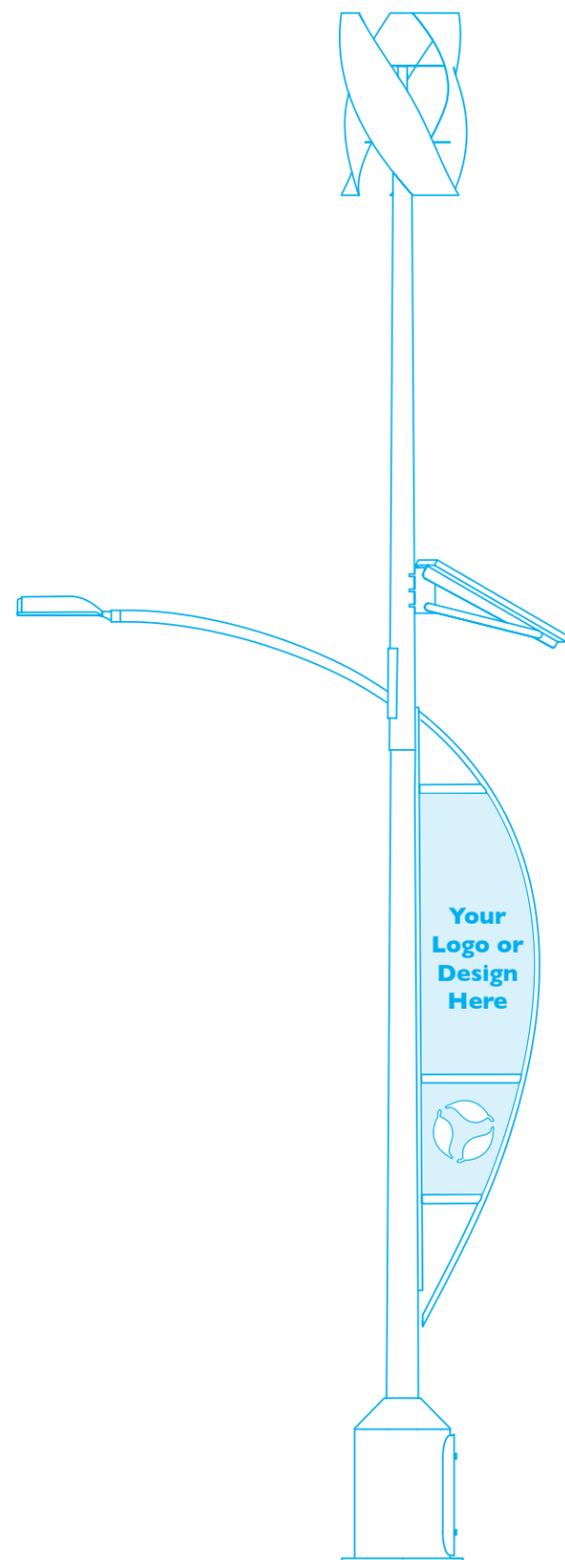
Light Type	LED
Rated Power Output	84W
Rated Voltage Input	24Vdc
Lumen Output	5208 lm
Dimensions	615mm x 400mm x 115mm 24.2in x 15.7in x 4.5in

Electronics

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

Tower

Design Features	Electronics enclosure / Customizable sail
Material	Structural Steel
Finish	Galvanized or Powder Coating
Height (with turbine)	10 m
Enclosure Size	85 cm x Ø60 cm



SANYA SLN

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

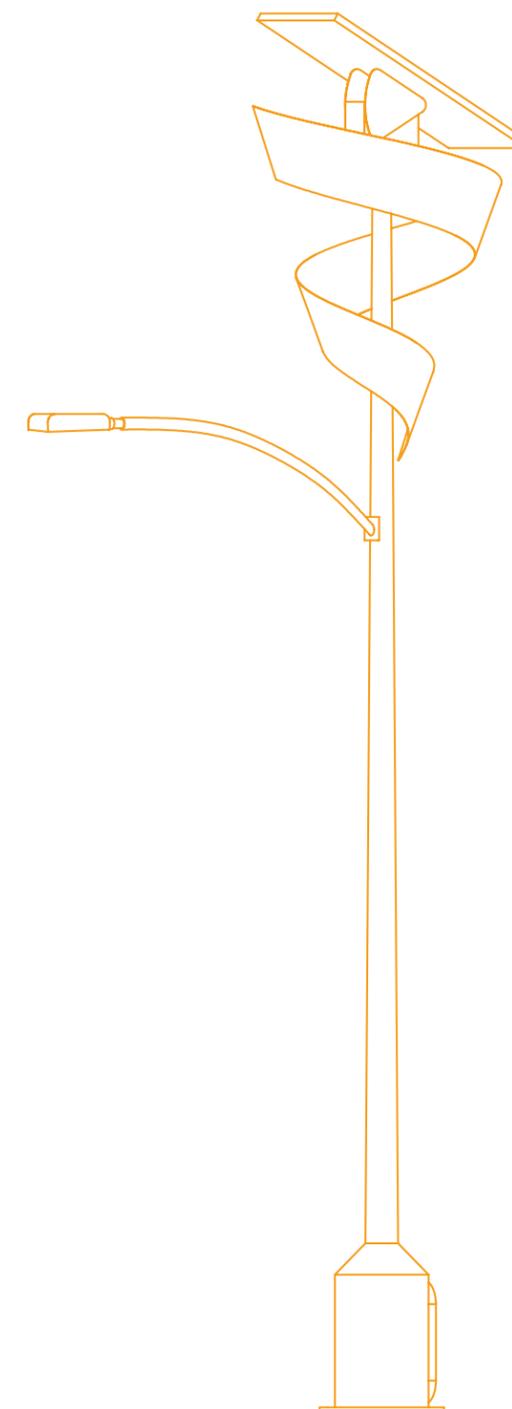
Light Type	LED
Rated Power Output	56 W
Rated Voltage Input	24 Vdc
Lumen Output	3128 lm
Dimensions	580mm x 278mm x 105mm 22.8in x 10.9in x 4.1in

Electronics

Controller Model	UGE-200-OGC
Controller Output Voltage	24Vdc
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



Make an environmental statement while increasing energy reliability and minimizing your costs.

Never consume grid energy again.

CASE STUDY



WHAT

|| Sanyas in various locations

WHERE

Busan, Korea

FOR

Bn Group

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, Taejong-dae, 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.



THE POWER TO DREAM
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