



POYNTING

POWERING GREEN ENERGY WITH POYNTING ANTENNAS

GREEN ENERGY: SOLAR PLANTS | WIND FARMS | ELECTRIC VEHICLE CHARGING STATIONS

EMPOWERING GREEN ENERGY WITH
RELIABLE, ROBUST CONNECTIVITY



THE CHALLENGE:

Green energy systems like EV chargers, solar farms, and wind turbines often operate in remote locations where reliable internet connectivity can be a challenge. This connectivity relies on three key elements: the antenna, a cellular modem/router, and a SIM card. While modem/routers from different manufacturers are essentially the same (based on international standards), the antenna makes the crucial difference.

This connectivity is vital for:

- Remote Monitoring & Control: Track performance, diagnose issues, and optimize energy production in real-time.
- Predictive Maintenance: Prevent costly downtime by identifying potential problems before they occur.
- Customer Satisfaction: For EV charging, ensure seamless payment processing and a positive user experience.

WHY CHOOSE POYNTING ANTENNAS?



Designed to meet current and future connectivity needs, offering wideband and electrically optimized solutions across the entire spectrum. Built to last, these antennas provide reliable performance even in harsh conditions.



Wideband Connectivity

POYNTING's high-gain antennas support multi-SIM solutions, providing flexibility and redundancy across EV fleet management, solar systems, and wind farm monitoring, ensuring consistent and reliable performance.



Robust Design

Built to withstand harsh conditions like strong winds, rain, extreme sunlight, and saltwater, POYNTING antennas are ideal for industries operating in tough environments, ensuring long-term durability and reliability.



High Performance

Our engineers ensure that our antennas have consistent gain over a broad band to enhance data transmission and optimizing efficiency. With a POYNTING antenna you are assured that the gain on the spec sheet is measured (not simulated)..



Easy Installation

With multiple versatile mounting options, POYNTING antennas simplify setup, saving labour costs and installation time across various applications.



Cost-Effective

The antennas' resilience and reliability provide long-term savings, making them a smart investment for industries needing durable, high-performance connectivity solutions. You also reduce stock holding as one broadband antenna can be used in different with different mobile operators or where multiple SIM cards are required.



POYNTING ANTENNAS: MAXIMIZE EFFICIENCY, MINIMIZE DOWNTIME

Reliable communication ensures that issues are detected and addressed quickly, reducing costly downtime and maximizing energy production. With POYNTING antennas, you can:

- Improve maintenance schedules.
- Boost system output.
- Easily manage multiple sites.
- Enhance the efficiency of your renewable energy projects.
- Achieve a stronger return on investment.

Driving the Future of Green Energy

POYNTING antennas are essential for building the smart, connected green energy infrastructure of tomorrow. Contact us today to learn more about how our solutions can help you achieve your sustainability goals.

EMPOWER

YOUR GREEN ENERGY SYSTEMS
THROUGH RELIABLE CONNECTIVITY





XPOL-2-5G



EXCELLENT PERFORMANCE

- Ensuring Reliable Data Transmission Even In Remote Locations.
- Exceptional Performance Over The Main 4g/5g Bands
- Provides Improved Coverage In Rural Environments.
- Faster Performance With **2x2 MIMO**
- Durable & Compact Design
- Adaptive Quick & Easy Installation





OMNI-600-5G



HIGH PERFORMANCE 5G CONNECTIVITY

- High speed & long distance
- Ideal for broad coverage in various environmental conditions
- It supports multiple frequency bands, making it versatile for different applications.
- Efficient Deployments Accessible To Non-Technical Users
- Dust & Water-Resistant With An: **IP65 Rating**

MIMO-4-4



PERFORMANCE MEETS CONVENIENCE

- Enhances data throughput and connection stability, crucial for large-scale monitoring systems.
- Supports multiple frequencies, including the latest 4G/5G standards
- Easy installation and water-resistant construction
- e-Mark certified for your safety





PUCK SERIES



BAND
71

5G



3.5 GHz
CBRS



WiFi
DUALBAND

COMPACT AND MIGHTY

- Smallest antenna in our range, ideal for remote locations
- e-Mark certified for your safety
- Rugged, water-resistant design for durability
- Supports 4G/5G, Wi-Fi, and GPS connectivity
- Effortlessly stay connected on your travels



MORE GREEN ENERGY APPLICATIONS



Smart Grid Systems:

Communication networks for managing and monitoring the electrical grid.



Energy Management Systems:

Technologies that optimize the generation and consumption of energy.



Environmental Monitoring

Systems for tracking air quality, weather conditions, and other environmental factors.



Hydroelectric Power Stations:

Communication systems for controlling and monitoring hydroelectric facilities.



Battery Storage Systems

Communication networks for managing energy storage solutions.



Bioenergy

Monitoring and control systems for bioenergy production processes.



Remote Sensing

Technologies for gathering data from renewable energy sources, such as wind farms and solar arrays.



**BEYOND A
CONNECTED LIFE**



GLOBAL PRESENCE. LOCAL SUPPORT.

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SCAN FOR FULL INFORMATION

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