



- High-Voltage, Low-Current Safe Pulses
- Weather-Proof & Corrosion-Resistant Materials
- Custom Designs Based on Site Requirements
- Compliance with Safety Standards
- 24x7 Perimeter Protection
- Low Maintenance | Long Life Components



WIREWALLS

We Protection your World

ABOUT US:



WIREWALLS is a trusted brand in the Indian solar product industry. WIREWALLS was established in 2012 as a proprietorship company under the commendable leadership and vision of Vikram Reddy Korpelly, Managing Director of WIREWALLS.

Our openness and trust, integrity and reliability, teamwork and collaboration, and commitment and creativity have earned us a reputable position as a designer, manufacturer, supplier, and installation contractor for homeland perimeter security fencing systems, delivering quality services.

Our competitive advantage lies in our ability to adapt to each client's needs with complete reliability. We proudly say that WIREWALLS achieves unparalleled delivery timelines, ensuring complete client satisfaction.

As a customer-oriented company, WIREWALLS becomes a first-class partner in terms of safety and trust. We work with you throughout the entire process, step by step. Our multidisciplinary and highly qualified team is always working to stay a step ahead in designing innovative products.

PRINCIPLE OF OPERATION

WIREWALLS Solar Power Fencing System operates by delivering short, high-voltage, low-current pulses through the Fence wires. When a person or animal touches the fence, it delivers a sharp but safe shock that deters intrusion without causing injury. The system immediately recovers and continues monitoring, ensuring round-the-clock protection.

TYPES OF FENCING SYSTEMS

Agriculture Fence

- Protects crops from animals like wild boars, cows, bulls, dogs, deer, etc.
- Designed for farms, plantations, orchards, and agricultural land
- Flexible design with multiple strands
- Ground-mounted or wall-mounted options

Forest Fence

- Protects villages and forest border areas
- Prevents intrusion by wild animals like elephants and bears
- Heavy-duty posts and reinforced wiring
- Can include elephant-specific deterrent configurations

Security Fence

- Protects against trespassers, theft, and intrusion
- Suitable for industries, warehouses, schools, institutions, substations, solar plants, telecom towers, and residential layouts
- Fence height customizable based on security needs
- Can be integrated with alarms and monitoring systems



HIGH-SECURITY FENCE

An Advanced version of security fencing designed for:

- Airports
- Defense establishments
- Power plants
- Oil and Gas installations
- Data centers
- Prisons and restricted zones

Features include:

- Zone-wise monitoring
- Tamper detection
- Integration with CCTV, GSM alerts, and control rooms



System Shall Trigger an Alarm Upon

- Tampering with or cutting of fence wires
- Shorting of live and ground wires
- Climbing or lifting of fence
- Unauthorized switching OFF of the energizer

Power Unit

- Solar-powered / AC-powered / Hybrid models
- Built-in charge controller
- Battery backup for uninterrupted operation
- Designed to work even during power failure



Control & Monitoring

- Fence controller continuously monitors fence voltage and intrusion
- Display shows system status and alerts
- Optional GSM / LAN / Fiber / RF communication
- Audible and visual alarms available

WHY WIREWALLS?

- Safety compliant systems
- High-quality materials
- Customized site designs
- Reliable after-sales support
- Competitive pricing



Note: Specifications are subject to change without prior notice. Other products marketed by us include perimeter intrusion detection systems, CCTV surveillance systems, access control systems, and integrated security solutions.

ABOUT FENCE COMPONENTS

WireWalls Solar Power Fencing Systems use high-quality, durable, and safety-compliant components designed for long life and reliable performance in all weather conditions.

Fence Wire

High tensile, heavily galvanized steel wire with excellent conductivity and corrosion resistance. Designed to withstand high tension and harsh outdoor environments, ensuring long service life and effective security.

Fence Posts

Manufactured from galvanized iron (GI), angle iron, or RCC based on site requirements. Posts provide strong mechanical support and maintain proper fence alignment under tension.

Insulators

UV-stabilized, non-conductive insulators made from high-grade polymer material. These prevent current leakage and ensure safe separation between live wires and fence posts.

Tightners / Tensioners

Heavy-duty strainers and wire tighteners used to maintain proper wire tension. Designed for easy adjustment and long-term reliability without loosening.

Clamps & Fasteners

Rust-proof clamps, hooks, and fasteners used for secure and neat installation. All accessories are designed for outdoor use and long-term durability.

Energizer

The heart of the power fencing system. Converts battery or solar power into short, high-voltage, low-current pulses that provide an effective but safe deterrent.

Solar Panel

High-efficiency solar panels designed to operate in low sunlight conditions. Provides uninterrupted power to the system in off-grid locations.

Battery

Maintenance-free, deep-cycle battery for reliable energy storage and continuous operation during night and cloudy conditions.

Earthing System

Proper earthing using GI or copper earth rods ensures effective shock delivery and safe system operation. Multiple earth pits are used as per site conditions.

Alarm & Monitoring

Accessories (Optional) Includes siren, flasher, GSM alerts, and integration options with CCTV and security systems for enhanced monitoring and control.



WIREWALLS

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