

Innovative Industrial security fencing

Protection of Industrial premises is largely dependant on security manpower, which is unavoidable to an extent. The outlay for security differs in industries, depending on the value of goods under storage or in process. Based on the threat perceptions, it is very high in some industries, yet proving to be **unreliable**.

To the potential intruder, the **Wall Top** or **Stand alone** fence must be visible, with warning signs indicating high voltage, to serve as an **active deterrent**. It takes a determined intruder to try his skills, overcoming the high voltage barrier, without suffering a shock, or triggering the alarm that **detects** sabotage attempts, or activating the passive **flood lights and CCTV** on the dark perimeter, thus **denying entry** and for **Post Incident Analysis**.

It is only human, to expect the security personnel to be bleary eyed, especially in the early hours, when intruders are active. In the fast changing security scenario, what is needed is a trim, active **Security Response team**, who can be directed to a particular zone in case of alarm activation, wireless alerts or by **SMS alerts** that can be transmitted to **multiple security pickets**.

These security fences are **not dependant on AC power** and is **entirely powered by Solar Energy** stored in a battery. This ensures that the security is not compromised even during power outages. This **includes all features**, such as **Audio alarm, Flood Light, CCTV and SMS alerts** are solar powered and independent of the grid.

Wall top fences are 1000 to 1100 mm tall, to prevent the tallest person from climbing the wall and stepping over the fence, without touching or depressing the electrified wires.



Andhra Petrochemicals



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Standalone fences are employed where there is no existing compound wall and stands 2000mm above the ground. These are economical as it saves on the cost of the tall wall and needs only a 1m wide concrete plinth for vegetation control.



Avra Labs

Payback

Redeployment of security personnel and trimming the force will result in savings on this recurring expenditure, while affording better protection and thus yield **payback** for the fence, in less than two years. The life expectancy of the durable materials employed is at least 10 years. The reduction in security manpower can be up to 30%, depending on the reduced threat perception.

This sleek fence can be deployed in all industries, where more than 5 security personnel are deployed, be it a warehouse or manufacturing unit. These stand-alone solar powered units are reliable and simple in construction. Multiple units can be deployed for zone identification in large industries that have extensive perimeter.

A small price to pay for **loss prevention, manpower reduction and peace of mind!!**