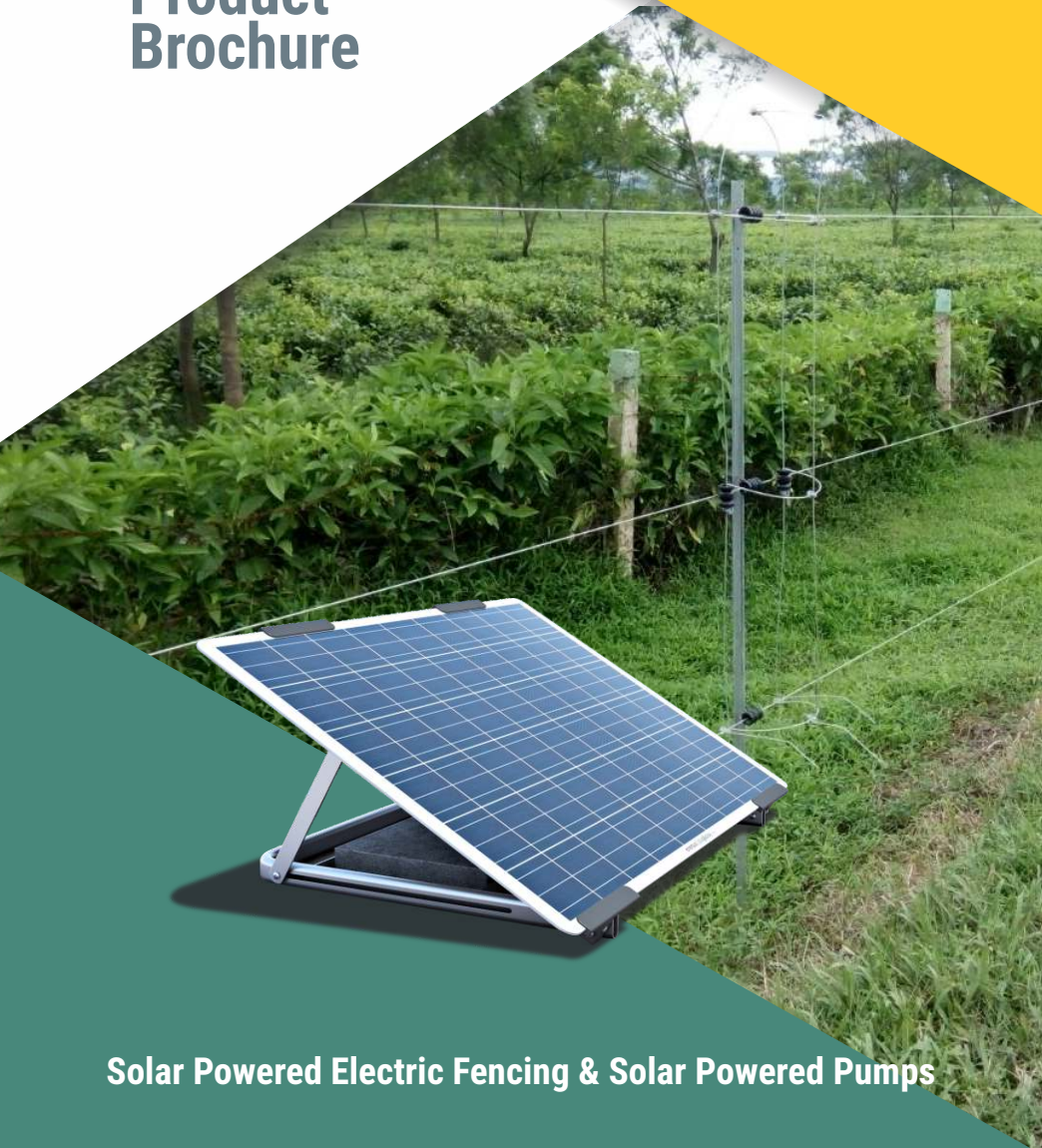




ASHISH ENTERPRISES

the other name for alternate energy

Product Brochure



Solar Powered Electric Fencing & Solar Powered Pumps



About Ashish Enterprises

A name synonymous with Solar Powered Electric Fencing and solar powered Pumps

Ashish Enterprises has been with this business for over 25 years. With a state-of-art factory in Ranchi and Kolkata equipped with R and D facility. A highly skilled team of engineers and workers to give you prompt and efficient service, so that the smile never leaves your face and your work is never disrupted for very long.

Ashish Enterprises has operations all over the country with greater emphasis in the eastern and north eastern regions.

The forests, gardens and security for sites rely on the expertise of Ashish Enterprises for their fencing requirements. It is also committed to provide solar powered energy and water supply to the rural areas.

Our High Points

A dedicated team of engineers and workers.

An experience and expertise of over a decade.

Solar powered lanterns, generators, pumps and fencing.

Low cost and good maintenance.

Easy to operate.

User friendly.

Excellent after sales services (though it is hardly ever required)

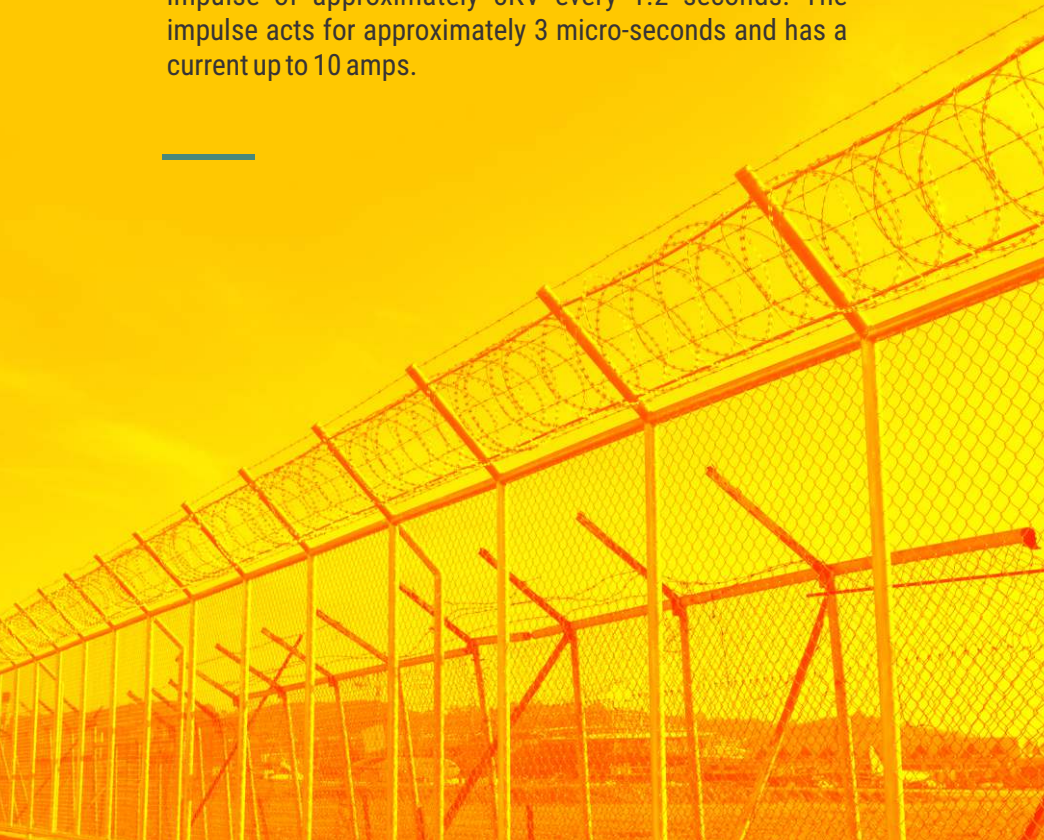


ASHISH ENTERPRISES

How does an Active Power Fence System (APFS) work ?

When an animal comes in contact with APFS, an Electrical impulse runs through it's body, causing a sudden muscular spasm. The animal receives a painful, but harmless shock, and has no further desire to approach the fence again.

The heart of the fence is the energiser. The electric fence energiser is powered by a 12-volt battery or charged by Solar power or a 230-volt AC electrical outlet. The fence energiser produces low ampere, high voltage electrical pulse which acts as a deterrent to wildlife. It produces high voltage impulse of approximately 8KV every 1.2 seconds. The impulse acts for approximately 3 micro-seconds and has a current up to 10 amps.



Why APFS is the best safeguard against Elephants?

Under normal circumstances the posts are spaced 20-25 feet apart. In certain areas where the elephant menace is greater a two-tier or a three-tier configuration with a single or two wires 10-15 feet from the main fence at a height of 6.5-7 & 3-3.5 feet (head/shoulder height of adult and young elephant) can be adopted.

The elephants would have to negotiate the first fence before they reach the main fence. This would work effectively. In multiple tier systems, the posts can be fenced 50-60 feet apart. Standing trees can be used for the inside line. An energiser could be used with each line if necessary. This design has effectively controlled elephants in India and Africa.

Why Active Security Fencing (ASF)?

1. Most effective and viable perimeter security alternative that meets present day needs.
 2. Maximum protection against intrusion, theft, pilferage, sabotage is an active deterrent - not only delays / denies entry to a secured area but detects intrusion and indicates the area of attempted intrusion on a graphic panel in the Control Room.
 3. Can be added to or replaces any existing perimeter wall, chain link fence-Full Fence or Wall Top and integrated with Access Control Systems, Security Lighting, CCTV Systems, Auto Dialers, can activate a hooter, siren or flood lights on intrusion alarm.
-



How does ASF work ?

The Active Security Fences are powered by a low impedance ENERGISER which sends out high voltage monitored pulses into the fence at controlled intervals. An intruder or trespasser gets a very sharp, short and painful shock.

The Active Security Fence is the physical barrier but the shock is the real barrier - a psychological barrier created in mind of the person, who has experienced the shock!!!. The shock given by the fence is completely safe as it lasts only 3 millionths of a second with energy output of 4-5 joules, an internationally accepted standard for such types of fences, worldwide.

What are the advantages of ASF ?

1. Round the clock Vigilance - 24/7 x 365 days · Provides an ACTIVE DETERRENT to the would be intruder. Intruder gets a very sharp, short and painful but non-fatal / safe shock.
 2. Zero Downtime - Works on SOLAR POWER also.
 3. Customized design, quality and rugged construction.
 4. Trouble-free User friendly system, minimal maintenance.
 5. System reliability ensures virtually NO FALSE ALARMS.
 6. Unaffected by sun, wind, rain, snow, sleet, fog, birds or wild animals.
 7. Reduces Insurance, security and management costs, cost effective operation - short pay back period.
-

List of our important clients

1. Chief Wildlife Warden Andaman & Nicobar Islands, Port Blair
2. Divisional Forest Officer. Dhampara & Chandaka Division, Orissa
3. Regional Chief Conservator of Forest. Ranchi Division
4. Chandra Proteco Ltd., Silvassa
5. Rupam Conductors Ltd., Silvassa
6. Nitin Alloys Ltd. Silvassa
7. NEDA, Lucknow, U.P.
8. Forest Corporation of Jharkhand, Dalbhum Division, Jharkhand
9. Buxa Tiger Reserve East, West Bengal
10. Buxa Tiger Reserve West, West Bengal
11. Regional Chief Conservator of Forest, Dumka Region, Jharkhand
12. Regional Chief Conservator of Forest, Sareikela Kharsawa Region, Jharkhand
13. Divisional Forest Officer, Darjeeling Division, West Bengal
14. Divisional Forest Officer, Kurseong Division, West Bengal
15. Sukhna Range Officer, Sukhna, West Bengal
16. Divisional Forest Officer, Jaldapara Wildlife Division
17. Divisional Forest Officer, Gorumara Wildlife Division
18. Wildlife Trust of India



Product

Solar Panel :



High performance solar modules. Solar Panel System designed with ease of use in mind suitable to charge batteries in remote areas with intermittent or no regular power supplies. Designed to meet European Test Institute spec.502. 12W, 18W, 22W, 37W and 50W modules are available in 12v range. Strong aluminum frame protects the panels during transportation and during use, even in extreme weather conditions.

Permanent Wire Tightner :



A permanent wire strainer. Strong light weight rust resistant construction. The large number of clip positions allow correct wire tension to be obtained. Ideal for standing old fences. No need to cut wire before straining. Comes in a pack of 25.

CP Strain Insulator :



Made from sunlight resistant copolymer plastic. Large tracking distance minimizes power leakage. Ensure strains are from centre of insulator when tying. It is suitable for short strains, and tensions upto 113.5 kg (250 LB). Comes in a pack of 25.

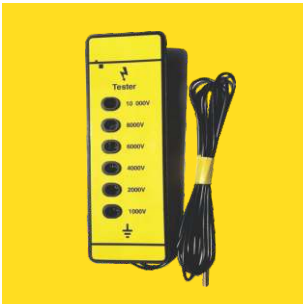
Product

Reel Insulator :



Used to insulate the intermediate post & guide the wire through it made of virgin polypropylene. Reel insulators are used on intermediate posts. Their function is to insulate the wire from grounding on the post. They are made from polypropylene and UV stabilized. The excellent design of the insulator keeps the insulator dry. Tapered hole at the centre allows quick run of rain water. It is UV resistant, easy to use. Comes in a pack of 25.

Neon Tester :



The Neon Tester has been developed especially for the farm sector of the market where the customers cannot invest more money on the testers as these testers are used only for maintenance of the fence. The five highly visible neon indicator lights show the approximate readings as mentioned below

Excellent	All five lamps	10000 Volts
Good	Four lamps	8000 Volts
Fair	Three lamps	6000 Volts
Satisfactory	Two lamps	4000 Volts
Poor	One lamp	2000 Volts

Product

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Xenon Flash :



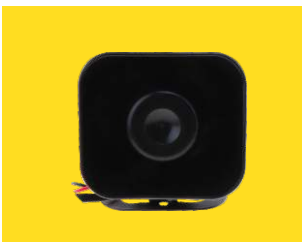
The Xenon Flash, as the name indicates, lights when the fence is active. This device tells the Power Fence operating condition by a flash. The main feature of the device is the indication of voltage from a distance, i.e., it is visible from 1000 metres at night. With a fence voltage of approximately RV or more the Xenon Flash will flash with every Energizer pulse. If the fence voltage drops below 3kV it will flash intermittently and not will flash under severe voltage drops. The device can easily be installed on the fence and is water resistant. Should not be used in elephant control.

Warning Signs :



Sufficient number of warning signs has to be placed all along the fence as per statutory regulations, Warning signs are provided in local languages apart from Hindi and English, They are made to specified dimensions and color.

Alarm Hooter & Unit :



The alarm unit activates in case the fence has been tampered with, the siren gives out sound rated at 90 - 120 DB.

Product

Joint Clamp :



Essential for good conductivity, good power fencing TM and to achieve animal control. Heavily zinc plated for durability and long life. Suitable on all size of wires upto 4 mm (guage). It ensures effective joint wire system. Comes in a pack of 25.

Digital Voltmeter / Power Probe :



The Digital Volt Meter gives the fence voltage reading in digital display which can easily be read. The device can be used anywhere on the fence. It measures the voltage between live wire and earth wire/earth.

H.T. Wires :



Heavy duty high carbon high tensile wire is hot dip galvanized for long life and is hot dipped galvanized to more than 30 microns for long life. The wires provide increased conductivity and are ideal for Active Power Fencing. We offer bundles of 25 kgs. for ease of handling.

Product

Double Insulated Leadout Cable :



Earthing and gateways leadout cables are a must never use copper wire or any other wire for connections.

Lightning Diverted Kit :



Helps to divert lightning from the fence to earth saving the energizer in most cases. Includes lightning choke and lightning diverter. Lightning diverter sparks gap unit can be purchased separately.

Earthing :



The performance of any electric fence depends upon the earthing provided for the fence. Super Earth Kit is designed to ensure good earthing for the entire system. 4 feet long earth kits contain special earth mixture which retain moisture for very long periods of time.

Product

Battery :



Low maintenance batteries ensure trouble free working of the Active Power Fence. It is available in suitable Ampere Hour ratings.

Active Fence Energizer/Controller



Specifications:

	Output Energy	Voltage	Input Current	Pulse Interval	Stored Energy
Turbo 1600	10.6 Joules	12 Volt DC	Max 1200 mA	1.20 sec	16 Joules
MAX 1200	06.5 Joules	12 Volt DC	Max 1000 mA	1.20 sec	12 Joules
Super 600	04.5 Joules	12 Volt DC	Max 0500 mA	1.20 sec	06 Joules
ECO 300	02.5 Joules	12 Volt DC	Max 0250 mA	1.20 sec	03 Joules
Mini 100	01.0 Joule	12 Volt DC	Max 0200 mA	1.20 sec	1.80 Joules

Product

Flood Gate Controller:



Protects the voltage integrity of the electric fence when an electrified flood gate is partially or completely submerged.

Connect Controller between the electric fence and flood gate via a Cut out Switch (G60762)

If flood level is expected to remain high for a long period, use the Cut Out Switch to turn the flood gate power off.

Cutout Switch



Cut-out switches are a time saving tool used to turn electricity off along the fenceline while troubleshooting or making repairs. Install one on each corner to eliminate a trip back to the energizer. Unused pastures and lower electric fence wires with high vegetation may also be easily cut off to increase fence voltage.

- High quality electrical contacts to handle high voltages
 - Highly visible on/off switch for status checking at a glance
 - Fully sealed, weatherproof & dirt resistant for long life and durability
 - Made from impact resistant materials and UV stabilized plastic
 - Fits securely onto any post. Mounting screws supplied
-

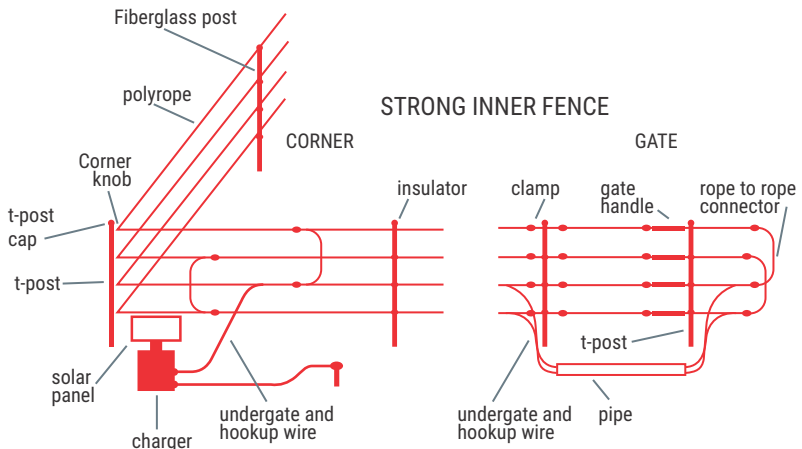
Posts :



A Power Fence typically consists of three types of posts:

1. **End strain posts:** Posts used at the start or end of a fence or section. They have to be strong and properly supported.
2. **Corner strain posts:** Used at corners or bends. The fence may break or the wires can be pulled through at corners
3. **Intermediate posts:** Can be any standing post and does not require being strong since they are not strained with heavy loads.


Supply of hot dip galvanized posts to more than 70 microns coating thickness, of special 'T/L' sections for intermediate posts and 50 NB Class 'B' pipes for end and corner posts. The metal posts supplied by us are for long life and strongly recommended for elephant fencing.



Certifications

1. ISO 9001:2015
2. MSME (Test Report / Calibration Certificate)
3. CE Certification of compliances
4. ERTL Government of India Certification
5. Company registered under MSME


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OFFICE OF THE DIRECTOR
GENERAL OF FOREIGN TRADE
OFFICE OF ZONAL DIRECTOR GENERAL OF FOREIGN TRADE
4, ESPLANADE EAST, CALCUTTA-700069

CERTIFICATE OF IMPORTER-EXPORTER CODE (IEC)

(This is a computer generated certificate. The authenticity of this document may be verified by clicking on "New Year IEC" link on the web site <http://www.dfta.gov.in>)

1.	/User Name	ASHISH JAIN		
2.	/Address	A/NOO1, ALIPORE ROAD, JAIN HOUSE KOLKATA KOLKATA WEST BENGAL 700027		
3.	48 (1) Name	7% 5%	 ASHISH JAIN PROPRIETOR	
	Designation of the signatory applicant whose photograph has been uploaded			
4.	Address of the Branch(es), if any	Branches 1) Branch Code : 1 MS ASHISH ENTERPRISES A/NOO1 ALIPT ROAD, JAIN HOUSE KOLKATA KOLKATA WEST BENGAL 700027		
5.	/IEC Number	ACF955448		
6.	Issue Date	08.11.2017		
7.	Issue Place	ACF955448		
8.	Issue Authority	(Signature) Director (Date) 08.11.2017 (Place) Kolkata (Signature) Ashish Jain (Date) 08.11.2017 (Place) Kolkata		
9.	Issue Authority	(Signature) Director (Date) 08.11.2017 (Place) Kolkata		

http://164.100.78.104:8080/igec/ApplicationSubDetails.jsp?noCode=HTMPEIC/1 119/201

REGAL REGISTER (UK) LIMIT



REGAL

REGAL REGISTER (UK) LIMITED

CERTIFICATE

Certificate of Compliance

We confirm that the technical documentation for the below mentioned products according to the Electromagnetic Compatibility (EMC) 2014/53/EU and Low Voltage Directive (LVD) 2014/35/EU

Products
Solar & Battery Powered Fence, Electric Fence Components
 AE-1 Fence Controller/Energizer ECCO 300,
 AE-1 Fence Controller/Energizer Super 600,
 AE-1 Fence Controller/Energizer Max 1200,
 AE-1 Fence Controller/Energizer Turbo 1600
 AE-1 Fence Controller/Energizer Mini 100

Manufactured by company
Ashish Enterprises
ADD: Jain House, 90C Alipore Road, Kolkata- 700027, West Bengal, India

is complying to the applicable essential requirements of Electromagnetic Compatibility (EMC) 2014/53/EU and Low Voltage Directive (LVD) 2014/35/EU.
 Harmonized Standard: IEC 60335

The Regal Register (UK) Ltd. has conducted with successful results the review of the manufacturer's technical documentation & Test reports of the products and certified according to above mentioned Directive.

This certificate is issued under the following conditions:

- It applies only to the above referenced set of products. The manufacturer is obligated to ensure that all products of the respective model conform to the type specified in this certificate.
- The Certificate remains valid until the manufacturing conditions, the quality systems or relevant legislation are changed subjected to maximum validity of 2 years.
- The Certificate validity is conditioned by the positive results of the surveillance visits.
- After fulfilling the relevant EU legislation requirements, the manufacturer shall affix to each product of the above referenced models, CE Marking according to the following example:

Certificate No. CE-2910
 Date of registration: 18th April 2019
 Date of expiry: 18th April 2021




Authorized Signatory
Regal Register (UK) Ltd.

The information is contained based on the declaration of compliance of the above mentioned products. It does not imply an endorsement of the manufacturer's products. The manufacturer shall ensure that the products are in compliance with the applicable provisions of the EMC Directive and the Low Voltage Directive. The manufacturer shall ensure that the products are in compliance with the applicable provisions of the EMC Directive and the Low Voltage Directive. The manufacturer shall ensure that the products are in compliance with the applicable provisions of the EMC Directive and the Low Voltage Directive.

Picture Gallery





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*the other name
for alternate energy...*



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