

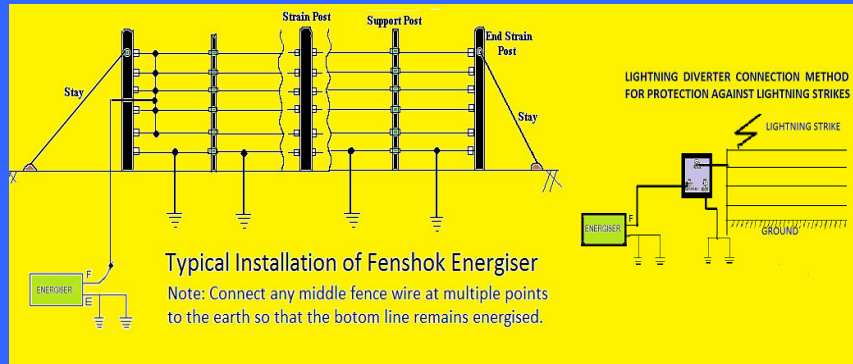
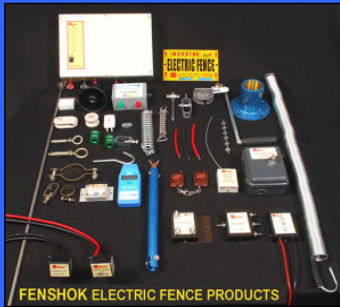
SANTO (HK) CORP.

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PRICE LIST 2024-25 (US Dollars)


ELSONIC FENSHOK-SOLAR POWERED FENCE ENERGISER & ACCESSORIES-Discount for order above US\$10,000.
















I. ELSONIC Solar Powered All-Weather Energisers +

Product Image	Description	Model	Weight	Sample Price (Conditions Apply)
	Fenshok Solar Energiser – 1000, 8 Joule (Plastic Cabinet). 12 volts operation, low impedance energiser with built-in surge protection and adjustable pulse rate (output energy level-dynamic setting). IP-65 Enclosure ## (**)	106-032N	4.75 Kg	US\$148
	Fenshok Solar Energiser – 1200, 12 Joule (ABS Cabinet). 12 volts operation, low impedance energiser with built-in surge protection and adjustable pulse rate (output energy level-dynamic setting). ##(**)	106-035N	5.3 Kg	US\$195
	Fenshok Solar Energiser – 1400, Deluxe 12 Joule (ABS Cabinet). 12 volts operation. Ultra-Super Low Impedance. Will energise un-insulated gates and short fences offering high leakage and impedance of 5000 ohms or less. Built-in surge protection and adjustable pulse rate (output energy level-dynamic setting). IP-65 Enclosure # (**)	106-035US	5.8 Kg	US\$206


II. Solar Powered Fence Energiser Accessories +

	Elsonic Lightning Diverter .- Tested & proven effective in high altitude tropical lightning conditions for over 30 years. Integral Hylam plate for clamping to wooden/metal post. # (**)	106-101	250 gms	US\$60
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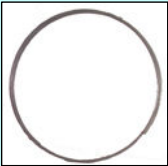






	Fenshok Light Flash Indicator :- High Intensity, High Efficiency, Super-Bright LED Indicator. Fence light flashes are visible from 10 Metres at day time & upto 100 Metres at night. Uses Fence Power at less than 0.1 Watt per indicator.## (**)	106-041B	415 gms	US\$23
	Elsonic Super Earthing Kit :- 1-Stainless Rod 10mm x 1M with integral holes at two ends & Water Absorbent Polymer. Connection anchored using thru-hole bolt, nut & washers, ensuring integral non-corrosive earth connection. ## (*)	106-042	3.75 Kg	US\$15
	Elsonic Lightning Arrester :- Multiple Copper Spikes on Copper Tube, to be fixed on top of tall post and connected to two or three Earth Kits. ## (*)	106-043C	260gms	US\$23
	Fenshok Reel Insulator :- Glazed Porcelain Insulator for Electric Fence Intermediate Post wire support.Bag of 25 # *	106-045	1800 gms	US\$3
	Fenshok Reel Insulator :- Polypropylene, Virgin Green support insulators with high insulation resistance and low leakage, even in wet weather. Bag of 100 # *	106-084A	1600 gms	US\$15
	Fenshok Reel Insulator Hold Clamp :- Latest Patent Design. Push fit of reel insulator allows fast fence erection. Small quantity of epoxy glue will prevent removal. The pinch clamp design allows fixing on 25 mm (1 inch) T-angle or tubular (GI pipe) intermediate support posts in any position, without post holes (reel insulator not included).Bag of 25 # *	106-084C	1500 gms	US\$39
	Fenshok Strain Insulator :- Glazed Porcelain Insulator- Electric Fence End Strain Post Wire Anchor & Anchor for Posts along fence bends. # *	106-047	130 gms	US\$12
	Fenshok Strain Insulator :- Polycarbonate Virgin White Insulator -Electric Fence End Strain Post Wire Anchor & Anchor for Posts along fence bends. Bag of 25 #*(*)	106-089B	600 gms	US\$7
	High Voltage Plastic Sleeves for Insulators cut to 23 cms (9 inches) size, prevents arcing and leakage especially during rainy season. ##	106-070H	Bundle of 500 (500gms)	US\$9
	Fenshok Strain Insulator Hold Clamp :- Clamps onto 50mm (2 inch) End Strain and Corner Strain Posts. Variable positioning without holes drilled or or hooks welded/screwed onto posts- Double-End Anchor. Bag of 25 #	106-089C	3750 gms	US\$12
	Fenshok Strain Insulator Hold Clamp :- Clamps onto 50mm (2 inch) End Strain & Corner Strain Posts. Variable positioning without the need for holes drilled or hooks welded/screwed onto posts- Single-end Anchor.Also used to hold 25 mm (1 Inch) Stays.Bag of 25 #	106-089D	2950 gms	US\$12
	Fenshok Reel Insulator Hold Clamp :- To fix on 25 mm (1 inch) tubular (GI pipe) intermediate support posts or on vertically mounted stays, for Bi-arm fence (Bag of 25). Insulator to be tied to clamp with 14 Gauge GI Wire(New design 106-084C recommended). #	106-089E	1000 gms	US\$11




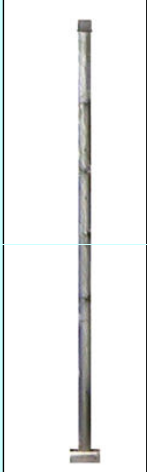

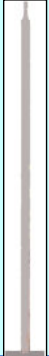
	Elsonic Ratchet Wire Tensioner (In-line Ratchet Strainer) Zinc Plated Mild Steel Outer Casing with Aluminium-Zinc Die-Cast Ratchet-lock insert. Bag of 25 #*(*)	106-082A	2250 gms	US\$27
	Ratchet Wire Tensioner Spanner. Standard socket spanner to tighten Ratchet Wire Tensioner. Bag of 5 #	106-078A	650 gms	US\$5
	Elsonic Reel Wire Tensioner (In-line Spool Strainer) Aluminium-Zinc Die-Cast with lock pin. Bag of 25 #*(**)	106-082B	2750 gms	US\$25
	Reel Wire Tensioner Spanner. Modified ratchet spanner to tighten Reel Wire Tensioner effortlessly #	106-078B	920 gms	US\$17
	Elsonic Spring Tensioner/Strainer -Standard. Spring Steel automatic fence wire tensioner for locations with extreme temperatures and also used for the front two lines of the proprietary Elsonic Bi-Arm Elephant Fence. Handles tension upto 75 Kg. Bag of 10 ## (**)	106-083A	4300 gms	US\$45
	Elsonic Spring Tensioner/Strainer -Mini. Spring Steel automatic fence wire tensioner for locations with extreme temperatures and also used for the front two lines of the proprietary Elsonic Bi-Arm Elephant Fence. Handles tension upto 25 Kg Bag of 10 #*	106-083B	1400 gms	US\$36
	Elsonic Spring Steel, 2-Metre Gate Spring:- Stretchable upto 5 Metres(15 ft.) with repeated return to normal shape. Bag of 5 #*(*)	106-081	6250 gms	US\$60
	Siren:- Monitor Sounder (Electronic 90 to 110 dB). Also supplied with distinctly different tones for multiple zones in the same location. #	106-090	450gms	US\$9
	Siren:- Monitor Sounder (Electronic 115 to 125 dB). Also supplied with distinctly different tones for multiple zones in the same location. #	106-100	915gms	US\$12
	Siren:- Monitor Sounder (130 to 140 dB). Electronic , Efficient Sound Blaster.#	106-102E	1500gms	US\$16
	Fenshok Field Tester:- Fence Voltage Step-Level Indicator- Low cost Voltage Range Meter. #	106-066	200gms	US\$14
	Gate Switch Box with 2 Keys:- Low cost Alternative for Wireless Remote Access Controller Switch especially for gates and other entrance points. ## (*)	106-079	1000gms	US\$12
	Fenshok Fence Wire Clamp. Essential requirement for each joint to ensure reliable electronic connection. Bag of 25 each weighing 15 gms Bag of 100 #	106-072A	375 gms	US\$4












	Fence Wire Terminator. End of wire anchor grip.Bag of 25 each 10 gms Bag of 25#	106-073	250 gms	US\$3
	Fence Danger Signs - Warning Signs (Approx 7 in x10 in.), as per International Standards, with added advantage that when tied to live wires they give shock & therefore protect against removal by vandals. Set of 10 each weighing 80 gms#	106-068	800gms	US\$35
	Elsonic Power Pack-C, 12 Volt,5 Amp (Pulse Peak):- 220Volts AC Battery Charger (110 Volts available on order). #*	106-093	2750gms	US\$56
	Power Pack-D, 12 Volt,10 Amp (Pulse Peak):- 220Volts AC Battery Charger (110 Volts available on order). #*	106-094	3500gms	US\$72
	Elsonic Power Pack 12 Volt DC Output Splitter:- Allows other products within the rated load of Power Pack to be simultaneously connected, along with Fenshok, without the risk of high voltage kickback to the other connected equipment #*(*)	106-093S	250gms	US\$11
	Elsonic-Pakton Power Probe MK2 (Current & Fault Indication). The worlds first cordless direct reading Fence Voltmeter & Fault Indicator that is not a step-level meter with current indication.#*	PTE0310	175 gms	US\$210
	Fenshok Splitter 1-3 Way, to split one Fence Energiser into 3 Zones for 3 Zone monitoring. #*	ETE0113	185 gms	US\$12
	Fenshok Remote Monitor - Micro-controlled(Agri Model). Reliable Alarm Sensing and Triggering Circuit -12 V DC operation-requires external siren or other audio-visual system connected through its potential-free relay output terminals.#*	PTE0701	300 gms	US\$270
	Elsonic Wireless Remote Controller (Digital Switch with 2 Keypads). Connects to Energiser through potential-free contacts in the receiver, to enable turn-on or turn-off of energiser from a distance of 50 Metres.#*	ETM7555	142 gms	US\$27
	Fenshok Flood Gate Controller (Switch). To control excessive leakage in lines from affecting the other live lines when submerged in water or through the lowest line that is prone to plant growth leakage,. This increases the effectiveness of fence security.#	ETM0100	100 gms	US\$22
	Elsonic-Pakton Solar Regulator (for 40 Watt Solar Panel)#	ETP0504	65 gms	US\$18


	<p>Polycrystalline Premium Solar Module Panels (17.5% Efficiency Cells):-</p> <ul style="list-style-type: none"> ◆ 12V/24V Rated (Minimum 21V/42V output in bright Sunlight) ◆ Polycrystalline , High Efficiency, High Quality Cells ◆ Stock Ratings 10 Watt, 20W, 40W, 60W, 80W,100W ◆ Custom Ratings 120W, 150W, 300W, 600W, 900W ◆ Panel life 25 years, warranty 5+5 years ◆ Adjustable Tilttable Stand Extra @ 2% surcharge ##(*) 	106-092	130 gms/W	US\$0.5/Watt (Bulk Rate for minimum order 335 W x 20Nos Module Panels.)
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III. Fence Wires, High Voltage Cables, Posts, Angles & Tools +

Product Image	Description	Model	Weight	Sample Price (Conditions Apply)
	<p>High Tensile, High Carbon, Super Duty, Triple Galvanised Wire (235 gsm). 12 Guage (2.59 mm) Low Resistance (26 Ohms per Kilometre) Steel Fence Wire. About 50 Kgs per roll (Approximately 2.25 Kilometres long). # (22.5M per KG)</p>	106-070A	2 Rolls (100 Kgs)	US\$170
	<p>Plain GI Wire, 14 Guage Double Galvanised (50gsm) Fence Binding Wire. About 25 Kgs per roll (Approximately 2.80 Kilometres long). # (28M per Kg)</p>	106-070B2	4 Rolls (100Kgs)	US\$165
	<p>Razor Blade Fence Wire --Straight or Spiral Concertina:- High Tensile, High Carbon, Low Resistance, Double Galvanised GI Wire with Helix Blades.## (i) Straight Fencing (ii) Spiral Roll form</p>	106-070E	0.9M/Kg	US\$5/Kg
	<p>Elsonic High Voltage (15KV) 12 Guage Cable. Double Insulated, 12 Guage HT, Aluminium-Cored Cable (White Inner Sheathing). For High Security Energiser-to-Fence Connections. To be inserted in Heavy Duty PVC Electrical conduit pipes, especially for underground connections. Minimum 30 Metres weighing approx. 2 Kg # (*)</p>	106-070A1	15M/Kg	US\$2/M (Minimum 80 M US\$160)
	<p>Superior Twin Copper-Cored 4mm Wire for 12 Volt 100Wpk to 250Wpk Solar Panels and other low power installation applications. 25 Metres per roll weighing approx 4 Kgs # NOTE:- OTHER SPECIAL ACCESSORIES SUCH AS SOLAR MODULE PANEL MOUNTING CHANNELS & SPECIAL PURPOSE CONNECTORS, AVAILABLE ON REQUEST.</p>	106-070G1	25 M (4 Kgs)	25 Metre Roll: US\$33/-
	<p>Wall Hook(Large)- Zinc Plated Eyelet Type with anchor bolt end - ideal for anchoring on walls. Minimum 1 bag of 25 pieces each weighing 124 gms #</p>	106-071W1	3.1 Kg	US\$11
	<p>Wall Hook(Small)- Zinc Plated Eyelet Type with anchor bolt end - ideal for anchoring on walls. Minimum 1 bag of 25 pieces each weighing 63 gms #</p>	106-071W2	1.58 Kgs	US\$12
	<p>Anchor Bolt- Zinc Plated and used to Anchor posts with flanged bases or with flat welded plates on the side of walls. Minimum 1 bag of 25 pieces each weighing 36 gms #</p>	106-071W3	0.9 Kgs	US\$10

	<p>Fence Post Hook - Red Oxide Primer Painted-Ideal for welding to Wall-Top Posts. Also welded or tied to re-inforced rods of concrete posts. The hook shape accomodates the PVC reel insulators in a comfortable fit along the central groove of the insulator and can be held more firmly using a small quantity of epoxy adhesive. Minimum 1 bag of 25 pieces each weighing 87 gms #</p>	<p>106-071Y</p>	<p>2.18 Kgs</p>	<p>US\$14</p>
	<p>Support Posts:- Intermediate 'T' Angle Wall and Ground Posts. Typically 25 mm x 25 mm Steel 'T' Section used to hold Reel Insulators. Painted (Or Hot Dip Galvanised- Add 40% to price). Wall Top posts 1.38 Metres in length. Ground-up posts 3 Metres long. Mounting of reel insulators efficiently done with Elsonic's patented pinch clamps without the need for holes or welds on posts or Fence Post Hooks (106-071Y) can be welded onto the posts. Concrete Posts (6 inches by 4 inches cross-section) with hooks or Stone Posts (9inches by 4 or 5 inches cross-section) are also used. # (*)</p>	<p>106-071B</p>	<p>1Kg/Metre</p>	<p>US\$6/Metre (Wall-top Support Post= US\$6 each; Ground-up Post= US\$17 each - also add cost of Pinch Clamps or Hooks)</p>
	<p>Projecting Arm for 'T' Angle Support Posts. Mounted with integral clamps on T-Angles or Pipes for Elsonic's Patented Bi-Arm Elephant Fence or Multi-Arm Security Fence.# (*)</p>	<p>106-071Z</p>	<p>460gms</p>	<p>US\$4</p>
	<p>Strain Posts:- Corner or Intermediate Wall and Ground Posts. Typically 50mm (2 inches) Pipes are used to anchor Strain Insulators. Posts are Painted (Or hot-dip Galvanised --Add 40% to price). Wall Top Posts 1.38 Metres in length. Ground-up posts 3 Metres long. Mounting of strain insulators is efficiently achieved using Elsonic's specially designed adjustable-position clamps (106-089D) that require no holes or welds on the Galvanised pipes or Fence Post Hooks (106-071Y) can be welded onto the posts. Stone Pillars 9 inches by 4 or 5 Inches (cross-section) or concrete Posts 4 inches by 6 inches (cross-section) can also be used. However clamp mounting on steel posts is a faster installation process. # (*)</p>	<p>106-071A</p>	<p>4.25Kg/M</p>	<p>US\$6/Metre (Wall-top Strain Post= US\$15 each; Ground-up Post = US\$33 each - also add cost of Pinch Clamps or Hooks & Moisture Caps)</p>
	<p>Projecting Arm for Tubular Strain Posts. Mounted with integral bolt and fixed with nut for Elsonic's Patented Bi-Arm Elephant Fence and Patented Multiple-Arm Security Fence. Can also be directly pre-welded to post(price does not include Moisture Cap) # (*)</p>	<p>106-071Y</p>	<p>1.75 Kg</p>	<p>US\$6 (Add cost of moisture cap)</p>
	<p>Stays:- To support and hold more firmly the Corner or Intermediate Wall and Ground Posts. Typically 25mm (1 inch) Pipes are used for the Stays and are painted (Or galvanised- add 40% to price) For wall-top applications the stays are 1 Metre in length. For ground-up posts the stays are 2 Metres long. One end flattened and fixed with round 'O' clamps (106-089E). The other end with cross-bar welded that is embedded in concrete. # (*)</p>	<p>106-071S</p>	<p>2.25Kg/M</p>	<p>US\$6/Metre (Wall-top Stays= US\$6 each; Ground-up Post=US\$12 each. Note: 2 each for corner posts and 1 each for intermediate posts)</p>

	Flood Gate Chains. Used for waterways at points where the fence crosses the stream. To prevent grounding of the entire fence when there is water reaching the chains, must be used in conjunction with flood-gate controllers.# (*)	106-070M	115 Gms/M	US\$3/M
	Strain Post Moisture Caps. Plastic caps to be placed or pasted on the vertically mounted fence tubular posts to prevent moisture or rain from entering the pipes. Minimum 1 bag of 25 pieces each weighing 46 gms #	106-071Z1	1.15 Kg	US\$11
	Support Post Moisture Caps. Plastic caps to be placed or pasted on the vertically mounted fence tubular posts to prevent moisture or rain from entering the pipes. Minimum 1 bag of 25 pieces each weighing 32 gms #	106-071Z2	0.8 Kgs	US\$10
	Wire Wrap Tool- to wrap 12 to 14 Gauge wire on Fence terminations.Minimum 1 piece weighs125 gms Bag of 4 # (**)	106-099A	500 gms	US\$11
	T-Type Wire-Wrap Tool - to wrap heavy wires such as barbed wire and 8 to 10 Gauge wire. 1 pieces each weighs 1.5 Kgs #	106-099B	1.5 Kg	US\$3
	Pounder Hammer- to hammer intermediate posts directly into ground, if not anchored with cement. # (**)	106-099C	17 Kg	US\$24
	Spinning Jenny- Elsonic Designed and In-house Manufactured Wire Dispenser for High Tensile Wire Unwrapping at site. Also can be used to spool wire. Rugged model with high-grade Thrust Bearing. ## (**)	106-099D	3kg	US\$323
	Equipment Mounting Enclosure:- Rugged steel enclosure with locking facility and four mounting flanges. Used for housing Energiser, battery and power pack. Box with flange and other projections measures 70 cms by 63 cms by 25 cms. ##(*)	106-071QN	11 Kg	US\$60
	Wire Cutter -Heavy Duty. Ideal site tool for cutting 14 Gauge High Tensile Wires.#	106-099H	5 Kg	US\$22
	Fence Wire Joining - Aluminium Crimp Sleeves. Fast and easy joining and clamping of cut wires to ensure low-resistance of joints. Minimum 1 bag of 100 pieces each weighing 5 gms #	106-072B	500 gms	US\$6
	Fence Wire Joining - Crimping Tool. To be used along with the above Aluminium Crimp Sleeves. #	106-099I	560gms	US\$23

	<p>Elsonic Fenshok Fence Energiser DIY Manual/Treatise - a detailed copyrighted DIY(Do-it-Yourself) Manual to enable easy understanding of this high-tech high-voltage electronic fence construction and launch methods.</p>	<p>106-500</p>	<p>44 Pages</p>	<p>US\$100</p>
<p>MISCELLANEOUS ACCESSORIES</p>	<p>1) Battery Connecting leads (US\$5/-) 2) Fence Connecting Leads(US\$5/-) 3) Solar Regulator to Battery Leads (US\$5/-) 4)Solar Panel to Solar Regulator Leads (5M-US\$5/-) 5) Energiser To Power Pack Leads(US\$4/-)</p>	<p>106-501</p>	<p>1 Set</p>	<p>US\$24</p>

Note: Outer appearance & tech features of the above models subject to change without notice due to R & D for product improvement.

DELIVERY:- Ex-Stock or 2 Weeks for most items or 4-6 weeks

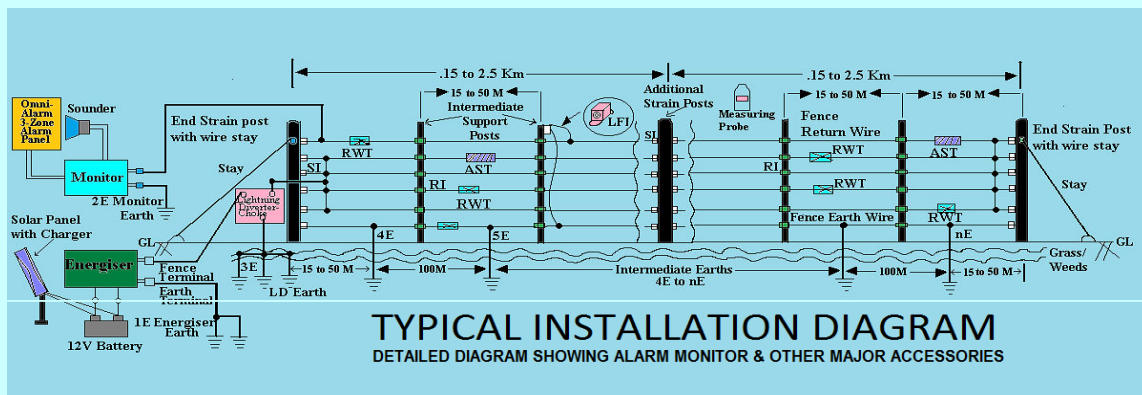
PAYMENT TERMS:- 70% Advance balance 30% on intimation that material is ready for despatch (photo provided) or 100% advance with priority fast delivery

US\$ PAYMENT MODE:- Acct: Santo (HK) Corpn.; Canara Bank, Viveknagar Branch, Bengaluru-47. Acct. No: 120001819801, SWIFT:CNRNBB790.

TAXES & LEVIES:- Nil for Sale Outside India.

PACKING & FORWARDING:- Actuals (2% to 5% Depending on Delivery Location & Mode of Despatch)

WARRANTY:- 2 Years for all electronic equipment. 5+5 years for Solar Panels & Manufacturer's transfer Warranty for Batteries & Bulbs/Lamps



WHY BUY ELSONIC PRODUCTS?

- # A company established in 1974 with international markets and bases in multiple overseas locations to ensure sourcing of the best components for the manufacture & supply of reliable and durable products.
- # FENSHOK Energisers and related products are manufactured using in-house, proprietary circuit designs that have no moving parts. This means no relays that wear out with relay contacts chattering & sparking when old.
- # The Power Pack to charge the battery accepts both Mains Utility Power & Solar Power from a suitable 12 Volt Solar Module Panel. For optimum charge it uses a zero contact relay & automatically selects Solar in preference to Mains Utility supply.
- # Fenshok's unique Ferritic Push-Pull Design ensures very low output impedance, thus making the energiser an ultra-low impedance source. This permits short un-insulated fences to be energised with safe high voltage, low energy DC pulses.
- # Wires and metal products are expressly designed to offer the best fencing solution.
- # Plastic insulators are made from virgin, high strength, long life material, offering low leakage especially during rains.

OTHER PRODUCTS:- SOLAR, WIND & RENEWABLE ENERGY PRODUCTS & PROJECTS. UV SANTIZER CHAMBERS & SAFETY EQUIPMENT.