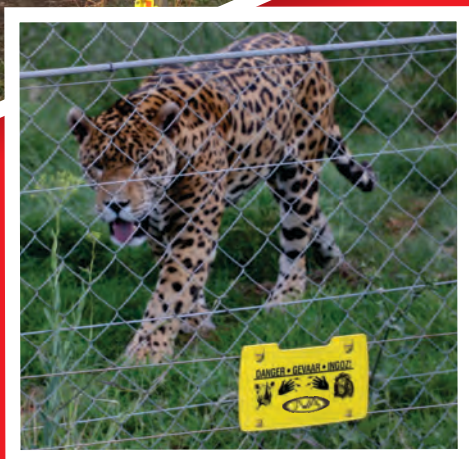




MONITORED FENCING



JVA **AGRI**Cultural Catalogue
2020/2021



JVA Mains/Battery High Power LCD Energizers

The NEW MB8, MB12 and MB16 IP Energizers® have 8, 12 and 16 Joules output energy respectively and can now be controlled from anywhere in the world using your mobile phone App. The energizers have an LCD display to show fence voltage and joules. All these newly styled energizers include an audible warning if there is a serious fault on the fence and Auto-Sync™ technology, all of which help keep your fences safe.

These universal or Mains/Battery powered energizers give you the added option of running on 12V should you not always have 110V ac available.

Some Features of our LCD Range

- Mains powered
- Battery powered
- Digital control
- Smooth wave shape
- Power on demand
- LCD showing Kv and stored energy
- Ant and moisture protection
- UV stable enclosure
- Overload indication (audible and visible)
- Lightning protection
- Reverse battery protection
- Self-resetting fuse
- Solar capability
- Low battery indication
- Over discharge battery protection
- Battery life maximization
- Battery voltage measurement
- Power adaptor included
- Audible alarm
- Bi-Polar output
- 3-year warranty



	MB16	MB12	MB8
Stored Joules	23J	18J	12J
Energy Output	16J	12J	8J
Power Consumption at 12.5Vdc	1.6 A	1.25 A	0.9 A
Recommended Fence Line Distance	7.5 mi	6 mi	5 mi



**Warning Devices for JVA ZM1 only*

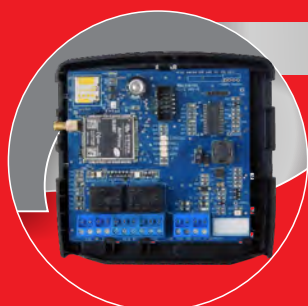


JVA ZM1 Monitoring Unit

The ZM1 is designed to be coupled with any standard electric fence energizer below 36 joules to power and monitor an electric fence. It can control large energizers, making it ideal on large agricultural, game and border security fences. The combination of the ZM1 and the energizer operates in the same way as a single JVA Z series energizer, with the exception that the pulse power level of the energizer cannot be modified. The ZM1 monitors the live feed line from the energizer to the fence and determines if the fence is working properly, by measuring the voltage, current, and therefore power, flowing to the fence.

Some Features of the JVA ZM1 Monitoring Unit:

- Does not require a return line
- LCD current display (load)
- LCD earth voltage display
- LCD voltage display for out and return voltage
- Remote on/off or key switch
- Gate contact input
- Start and end of fence monitoring
- Run from 16Vac or 12V DC external source
- Able to be monitored via PC (using Perimeter Patrol software)
- Controllable and programmable
- Monitors fence voltage and current to trigger an alarm if current rises or voltage falls (load increases)
- Built-in battery charger plus connection for larger external alternative
- Controls 12V DC feed to energizer
- Siren and Strobe switched 12V DC outputs 3 on-board relays with many programmable functions.



JVA GSM Module

JVA's new GSM module is compatible with all of the JVA Z-Range Monitors. The module is designed to interface seamlessly with JVA's own internet platform to allow the end user to monitor and control his electric fence energizer. More specifically, the end user may log in using his personal name and password, to configure the module to adjust, add, edit and delete mobile numbers and SMS alerts; set email alerts and control 3 relays by sending the module an SMS. This module can view current statuses via the internet such as: Power supply to the energizer, feed and return voltages, tamper conditions, gate statuses and battery conditions.

JVA MB Mid-Range Battery and Mains LED Energizers



The MB1.5, MB3 and 4.5 Electric Fence Energizers have between 1.5 and 4.5 Joules output energy per pulse, to power up to 45km of fence. This innovative design means you can have versatile portable power from a 12V battery when needed, or run it from 110V ac mains electricity where that is available. Optional JVA Solar Kits and external batteries are available on request to make these units fully portable.

	MB4.5	MB3	MB1.5
Stored Joules	6J	4J	2J
Energy Output	4.5J	3J	1.5J
Power Consumption at 12.5Vdc	0.5A	0.3A	0.15A
Recommended Fence Line Distance	3 mi	2 mi	1.2 mi

Solar Range Energizer SV10 & SV5



The SV10 & SV5 energizers are ready to go straight out of the box! A reliable built-in rechargeable battery and integrated solar panel means that the JVA Solar Energizers are totally portable, without the need for extra batteries and hardware. The Energizers have an LCD display so that the user can see the voltage and joules on the fence at a glance. Just slide the energizer onto any Y-standard, attach the fence and switch it on. The SV10 energizer has 1.0J output energy and the SV5 energizer has 0.5J output energy per pulse. They are suitable for permanent and temporary fencing.

Solar Range Energizer SV2



The SV2 energizer is ready to go straight out of the box! A reliable built-in rechargeable battery and integrated solar panel means that the JVA Solar Energizers are totally portable, without the need for extra batteries and hardware. Just slide the energizer onto any Y-standard, attach the fence and switch it on. The SV2 energizer has 0.2J output energy per pulse.

Portable RSG1



The RSG1 is a portable 0.1J electric fence energizer with a built in rechargeable battery, suitable for strip grazing and any temporary fence applications up to 1km. The RSG1 is packaged with both a 110V ac mains power adaptor and a 12V "cigarette" adaptor to recharge it. It will run for over two weeks between recharges.

Portable Pet Energizer



The Pet100 energizer has the option of being mains or battery powered. It is a nice compact design with a UV stable enclosure. For larger dogs and longer distances, pet electric fence kits can be made up by using strip grazing accessories and energizers.



JVA Accessories

Free-Standing Fence Wire Tensioners (11.5 - 14 gauge wire)



Plastic Combi
(Hot-dipped galvanized)



GFT Combi
(Hot-dipped galvanized)



Porcelain Combi
(Hot-dipped galvanized)



Combi & Jumbo Strain S-Hook
(1/4 inch Hot-dipped)



Maxi Tweaker S-Hook
(5/32 inch)



Atlas
(Hot-dipped galvanized)

Strain Insulators



Plastic Jumbo Strain
(UV stabilized plastic)



Jumbo Strain Security
(Hardened plastic for higher tensioning)



GFT Strain
(Glass fibre, DMC fire resistant)

Intermediate Insulators



Export Nail-On
(UV stabilized plastic)



Nail-On
(UV stabilized plastic)



Y-Standard
(UV stabilized plastic)



Porcelain Bullnose Strain
(Fire-proof)



Porcelain Bobbin
(Fire-proof)



Large and Small GFT Bobbin
(Glass fibre, DMC Fire resistant)



Gate Strain and Combi Bobbin
(UV stabilized plastic)



JVA Y-Standard
(UV stabilized plastic)



Screw-On Insulator
Can be attached at any point along a dropper to support an electric wire

Switches



Swivel Cut-Out Switch

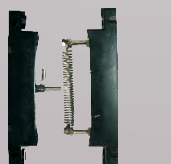


Heavy Duty Cut-Out Switch



Flood Gate Controller

Gate Contacts



Standard Gate Contact

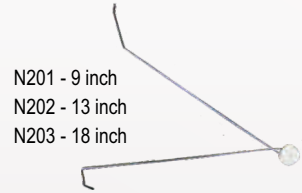


In-Line Gate Contact



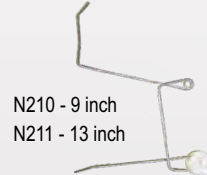
Slide-Across Series Gate Contact

Off-set Brackets



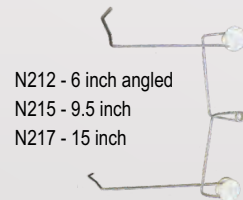
Single Offset

Available in 9, 13 and 18 inch lengths.
Also available in 9 inch offset to take a Nail-On insulator



Double Offset

Available in 9 and 13 inch lengths



Triple Offset

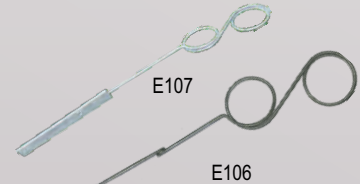
Available in 6 & 9.5 inch angled
9.5 inch and 13 inch straight

Earth Loops



Intermediate Earth Loop

316 stainless steel or 5/32 inch fully galvanized (7.5 guage)



Ground Earth Loop

316 stainless steel or 5/32 inch fully galvanized

Earth Stakes

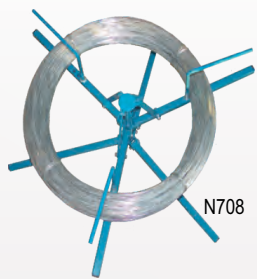


SABS with Clamp
4 ft copper-coated



Reinforced Bar with Clamp
4 ft hot-dipped galvanized

Fencing Wire



Spinning Jenny
For use HSS Wire

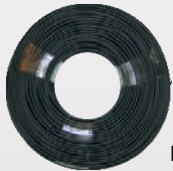


High Strain Steel Wire
Full range available in light
or double galvanized 10-14 gauge



Braided Wire
High tensile, low resistance
Available in 17.5 gauge

Undergate Cable



HT Cable Soft, Slimline
For Wall-Top applications
Available in 160 ft, 320 ft,
650 ft and 3250 ft



HT Cable — Hard
For Free-Standing applications
Available in 320 ft,
650 ft and 3250 ft

Line Clamps

Ensure good electrical connections



U-Bolt
(Hot-dipped)

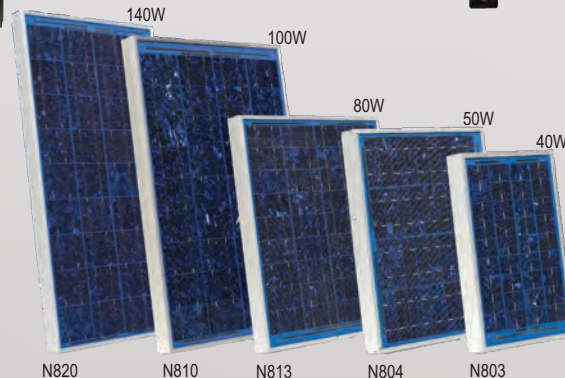
Fence Line Lightning Diverter

The unique, V-shaped JVA Electric Fence Lightning Diverter is ideal for incorporation into lengthy agricultural and wildlife fences in areas where lightning is problematic.



JVA Solar Regulator

The JVA 12Amp Solar Regulator is designed and tested for electric fence applications. It is protected against electric fence surges on all inputs. It will operate with four common types of rechargeable batteries by switch selection. It can be used for solar panels up to 200W. The JVA Solar Regulator's electronic components are sealed against moisture and ants.



Solar Panels

Stafix solar panels utilize premium polychrystalline cells secured in heavy-duty aluminum frames. Polychrystalline panels provide superior efficiency conversion of sunlight to electrical current, resulting in faster charging of batteries. A full range of solar panel sizes from 10 watt to 140 watt are available.



N402

Power Supplies



AA-B7

7-Amp/Hr Battery



AA-56

56-Amp/Hr Deep Cycle



AA-96

105-Amp/Hr Deep Cycle



N403

Shock Boxes

A Shock Box is a lockable, steel cabinet containing the energizer system. When the energizer is activated via an insulated key switch, the whole box becomes part of the high voltage system, reducing the likelihood of tampering and theft. Shock boxes can be supplied in small, medium and large sizes and in pole-mount or stand-mount.



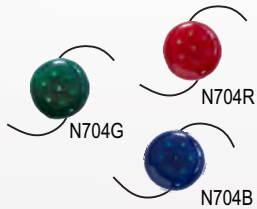
GBS300

Cabinets



N402

Monitoring Devices



Fence Flashing Lights



Directional Fault Finder



Fence Beeper

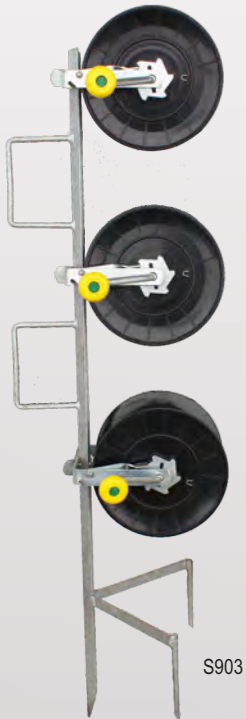


Light Duty Wall-Top Warning Sign
UV stabilized with double clips



Heavy Duty Free-Standing Warning Sign
UV Stabilized with double clips

Strip Grazing



Spring Gates
Available in Galvanized Steel or Powder-Coated White. Used for 10/12 ft cattle or horse gates



Heavy Duty Compression Gate Break Handle

- Strong robust body
- Positive non-slip grip
- High tensile, heavy-duty spring compresses under tension, preventing over stretching
- Fully galvanized



Screw-On Insulator
Can be attached at any point along a dropper to support an electric wire



Poliwire

An economic choice for temporary fencing, featuring stainless steel conductors and UV stabilized yarns; available in white or orange in 320 ft or 650 ft rolls

Value Reel and Stand

- Galvanized value reel holder can be attached to a stand
- Ideal for temporary and movable horse camps
- The reel holds 320/650 ft of 1/2 inch & 1 1/2 inch tape or 1640 ft of poliwire
- The reel has a ratchet for superior tension control

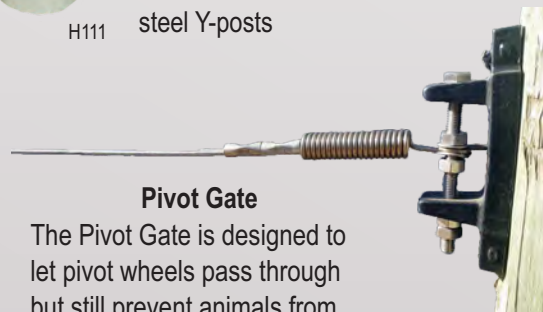


5/16 Poliropo

(5/16 wide/320 ft rolls) Poliropo is also suitable for second stranding a 1 1/2 inch tape permanent fence for making electric gates



Horse Post Insulator
Insulator designed to fit over all common steel Y-posts



Pivot Gate

The Pivot Gate is designed to let pivot wheels pass through but still prevent animals from passing through.



Spring Gate Kit

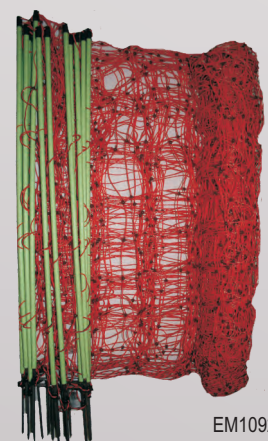


Tape Gate Kit



Bungy Cord Gate Kit

- Consists of multi-stranded latex core and UV resistant sheath, for easy quick assembly of electric gates
- Four stainless steel wires for maximum conductivity
- Wires cross over ten times per centimetre for maximum shock exposure
- Heavy duty gate components included
- Standard length 11.5 - 23 ft



Euronet Electric Fence Netting for Sheep

- Ideal tool to safely overnight your flock, keeping them safe from jackal and improving pasture management
- Euronet is available in 160 ft rolls and 3 ft or 4 ft heights
- Posts are very stable and have galvanized double-spiked tread-ins on the bottom

Equestrian



Ridgeback Dropper

The Ridgeback Dropper is a light, vertical stave in a fence, used to separate the wires of a wire fence.



Pigtail Standards

- Durable crimp foot design
- Large foot for ease of placement
- 1/4 inch spring steel
- Ideal for strip grazing cattle



Intermediate Horse Tape Insulator

- This insulator can either be nailed or stapled to wooden posts or it can be pop-riveted to metal posts
- The intermediate horse tape insulator is suitable for both the 1/2 and 1 1/2 inch tape as well as the Polirope



End/Corner Strainer Insulator

- This robust, unique, versatile, easy-to-install, multi-faceted strainer/corner insulator can be nailed or stapled to a wooden strainer post or pop-riveted onto a metal strainer post.
- It has 3-way straining capabilities and is ideal for corners and angles.



Maxi Tweaker

(Strong nylon, quad securing, tensioner 10 - 17.5 gauge wire)



Tape Joiner

An aluminium buckle used to join tape



1/2 inch Tape Buckle

Used to attach tape to strainer insulator and in electric tape gates



1 1/2 inch Tape Buckle

Used to attach tape to strainer insulator and in electric tape gates



JVA Horse 3-way activator plate

Used in conjunction with end/corner strain and gate handle, to complete the current when the gate handle is connected



Activator Clip



Heavy-Duty Plastic Tread-ins

- JVA plastic tread-ins are ideal for temporary fencing and can be used with plastic tapes, wire or rope
- Each tread-in has positions for 1/2 or 1 1/2 inch politape or 5/16 inch poliropo or poliwire
- The tread-ins are available in 4 ft (cattle and sheep) and 5 ft lengths (horses)



1/2 inch Politape

(1/2 inch wide/650 ft rolls) Ideal for temporary subdivision of camps or for the second strand on a permanent 1 1/2 inch tape fence



1 1/2 inch Horse Tape

(1 1/2 inch wide / 650 ft)

Available in white, brown and green, these highly visible UV stabilized tapes are ideal for electric fencing permanent or temporary horse paddocks





MONITORED FENCING

JVA PERIMETER PATROL

This Perimeter Patrol Software is ideal for a stand-alone system, where the user requires a visual representation of an electrified enclosure (mimic screen) and the ease of operation that a Windows compatible GUI application can provide. It can also be integrated into existing systems using RS232, RS485, fibre optic cable, wireless communication and local or wide area network protocols. The JVA Perimeter Patrol Software Package enables one or more energizers to be monitored and controlled from a PC.

JVA Perimeter Patrol can be used to quickly view the status and voltages of electric fences and devices; alert and email the user when the fences, gates or other devices need attention; arm and disarm electric fences according to a custom schedule and remotely access electric fence systems. Icons representing the energized zones are positioned over an image of the site map. Status and voltage information from the various zones throughout the site are updated in real time from a remote or central location. The PC speaker or external *Input/Output* Interface Board can be used to generate an audible alarm and control external items like Centre Pivots Irrigation Circles, Climate Control, Access Control and any other Smart Farming integration requirements.



Plug & Play Perimeter Patrol Lite Tablet



Dual Screen Perimeter Patrol Setup

The latest 10 Inch Android software upgrade has made the JVA Tablet a fully operational Perimeter Patrol Lite. The Screen can now be loaded with a Map of the site and zone lines can be inputted on the map. This gives a great visual display of the site, backed up with the standard features of site logging, energizer voltage and operation display. The system requires no special software, so the only cost is the hardware of the JVA 10 Inch Tablet.

Online
Product
Store



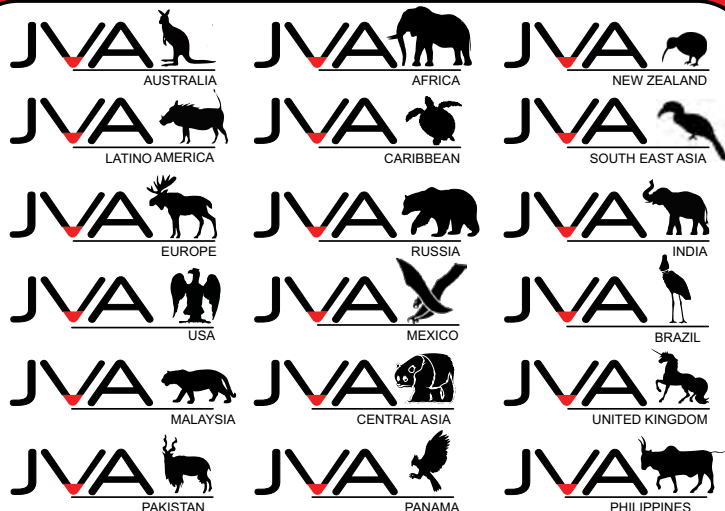
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