

### Installation Tips

When charging the unit manually with the Wall adapter provided via mains power, the RED Charging Light will be lit when Battery needs Charging and will go off when Battery is Full. Before first use, we do recommend that you leave power adapter connected for continuous time of 8 hours and ignore the charging light indicator.

For Testing of your fence output, we do recommend that you get a standard KV meter see this Example



These are standard available on line or from your local farming or fence supplies shop and cost around \$ 30. This is output, a good tool to check first the voltage being delivered from the unit itself by connecting it to both terminals and then to test your fence and your grounding is OK by testing at various points of your fence to Make sure your fence network is OK

Please note that the Grounding Rod supplied with your Kit is only Starter pack only. You may get a bigger or more grounding rods as required depending on your length of fence and your specific setup and soil conditions etc.... Grounding Rods are available standard online or from your local hardware/Farming or fence supply shop etc....

Our unit comes 1 year warranty and reach out to us if you need any help

# SOLAR ELECTRIC FENCE ENERGISER MODEL # MAC3ML

**IP54 outdoor weather/waterproof rated**

9-11 KV output

0.25 Joules Output

Up to 3 Miles/5KM Fence Range

Built in Rechargeable 10400 Mah Li-Ion Battery Pack



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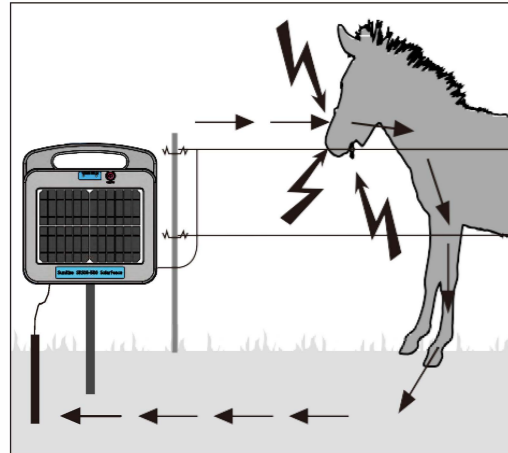




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## OVERVIEW

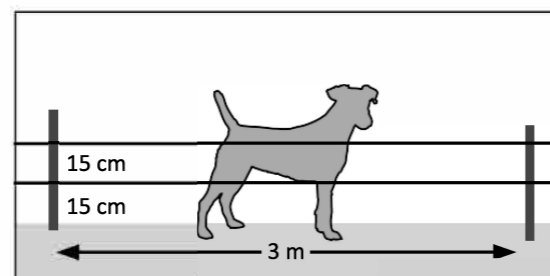
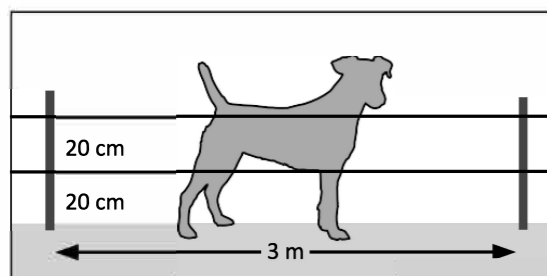
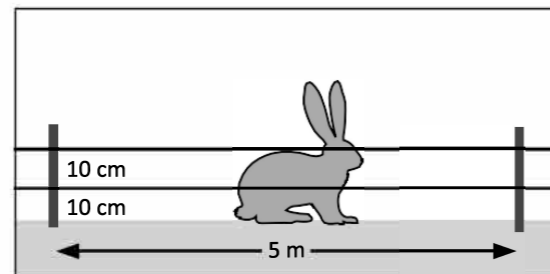
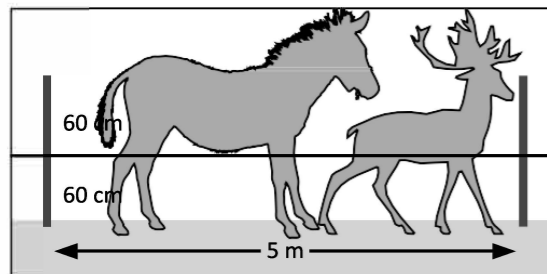
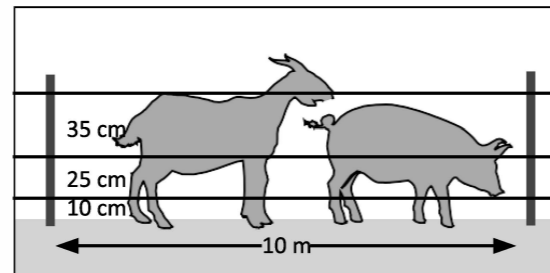
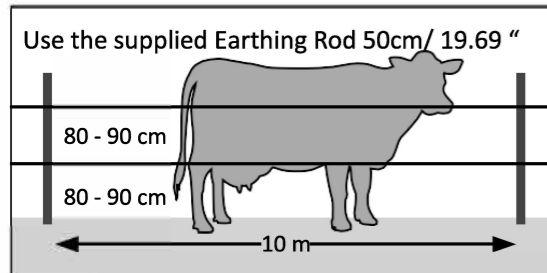


Congratulations on the Purchase of My Animal Command's MAC3ML Solar fence Energizer. The energizer may be used outdoors only in conjunction with an electric fence/Polywire to keep animals in/out as required.

The animal receives a shock when it completes the circuit between the fence and ground.

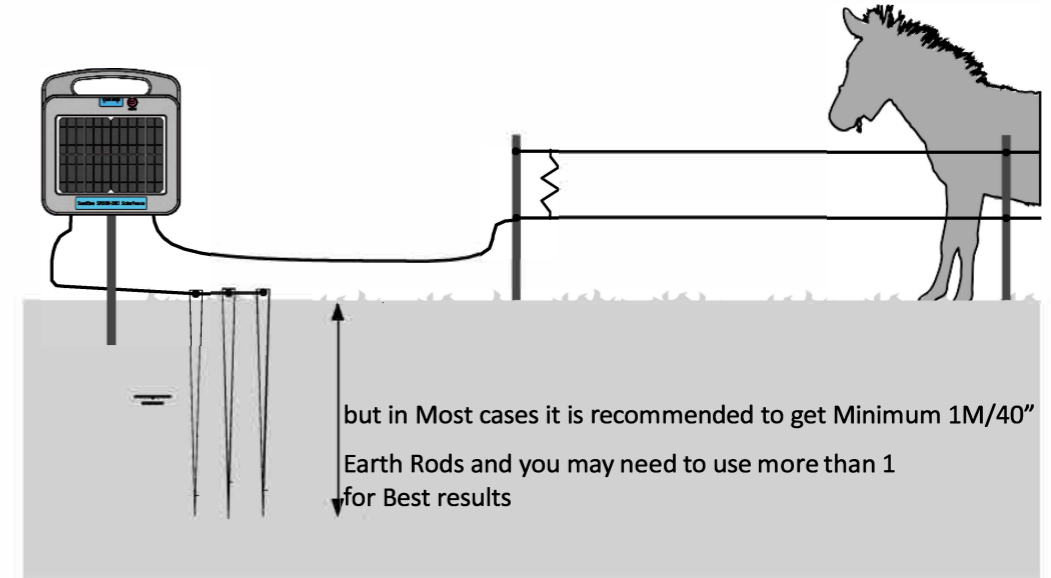
The fence consists of current-carrying wires and requires conductive (wet) soils.

For poorly conductive soil or wild animals several fence lines are used.



## INSTALLATION

### Solar Powered Energizers



### Solar & Battery Powered

1. Mount the energizer vertically in an area/Angle where it Can receive most Sunlight/Daylight
2. Do not handle PVC cords when the temperature is below +5 degrees centigrade.
3. Connect the ground (Black) terminal to your ground system. It is Recommended the Ground Rods must have a minimum length of 1 meter/40".  
**TIP:** For poor condition's (sand, gravel, dry soil,) increase the number of earth spikes.
4. Connect the Red terminal to the fence line using a fence lead.
5. Operation of the device will commence when connected to both Fence Line and Ground and Unit is Turned ON and Working LED is Pulsing.

### ⚠ WARNING

Electric fence energizer must not be located in fire-Hazardous areas such as barns, stables etc.,

### ⚠ WARNING

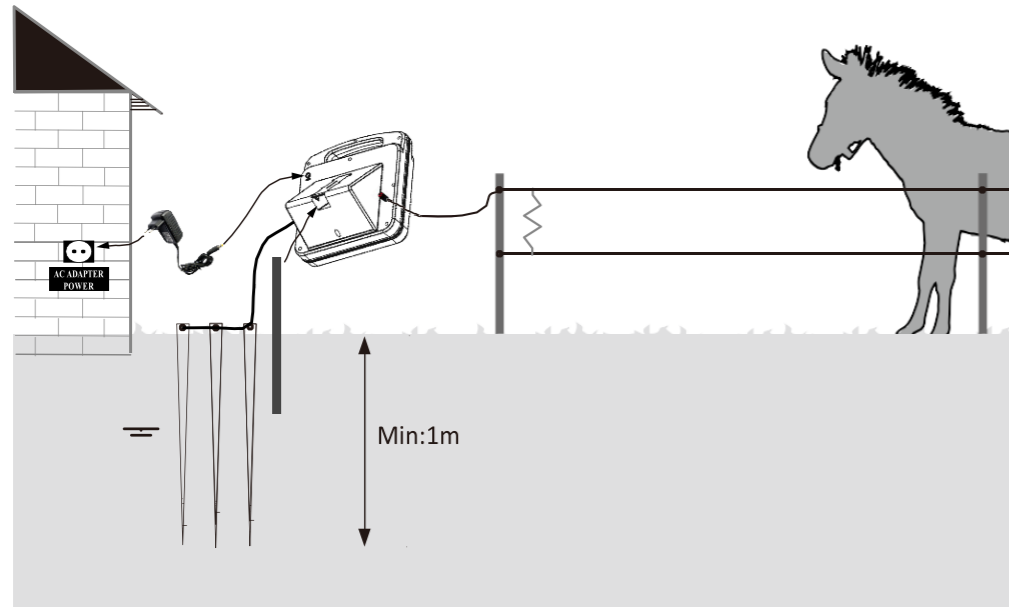
To prevent lightning damage, the fence lead into the building must be fitted with a lightning arrester(spark gap on lightning arrester must be connected to earth).

### ⚠ WARNING

The discomfort caused by this device does not cause injury and results in training the animals to know the limits of the perimeter, children and the persons Disease/Disability should not touch this fence system.

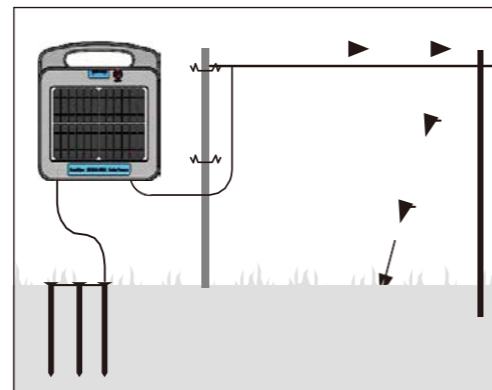
## INSTALLATION

### Battery & Solar Energizer



### Grounding system check

- 1 To check the ground system a heavy load must be placed on the fence, by grounding out with a good conductor such as a metal rod (as shown)
- 2 Check the voltage on the ground system, if anything near or over 1000 volts is flowing between the metal rod and the ground rod, the ground system is inadequate.
- 3 eg., when the metal rod is placed against the fence -- if LEDs go out you have a good ground system, if the LEDs not flash or amount of the ground rods used must be increased.



### Solar Battery Maintenance/Charging

#### Your MAC3ML comes with inbuilt 10400Mah Li-Ion Battery Pack.

The fence energizer with a low battery can also be recharged manually using the supplied 12volts charger/Wall adapter unit. We Recommend you Manually Charge it using the wall adapter for Continuous Charge of 12 Hours Before Use. Always use the 12v adapter to recharge it directly if you require. When not in use, fully charge the energizer battery before storage.

The Energizer will Charge automatically via daylight/Sunlight and the Charging LED will be LIT when the Energizer is Charging. Please note you are able to run the Energizer with Permanent 12V input to the input Port, but please make sure your Energizer is Placed indoors or in a waterproof area as without the port cover sealed, the waterproof rating is compromised.

When fully charged, without sun/Daylight, it can work about 10-15 Days.

Warning: ⚠

The normal life of the internal battery is typically 3 to 4 years, with properly maintained batteries lasting even longer. A solar fence energizer that is being stored should be placed in the sun for 3 days every 3 months to recharge the battery or Manually charge it with Power adapter. Any fence energizer in use that doesn't receive sunlight for a period of two weeks should be recharged for 3 days in sunlight or manually for the energizer work normally.

**Warning** ⚠ Always refer to your local laws for correct signage and warnings you need to place on your electric fence

