

# Electric Fencing



Power fencing and solar fencing

Features;

Advanced current limiting features.

9-11 kv insulated wire grip.

Auto cut and alarm system;

Large area upto 1-5 Km Area

Battery and solar operated.

Line voltage 230vac operated.

**PATEL INC**

**Address:-ATHARIPAR  
TA/DISTR AJKOT  
VIASARDHAR360025**

**Mo:-9925020032**

**5/3/2011**



## Introduction:

Patel Inc establish in 2011 and over half of decade we have developed solar fence guard, solar zatka machine, solar energizer, dog fencing, pet fencing.

### Quotation table:-

Sq.no.	product	capacity	Coast(rupees) courier charge extra
1.	Fenceing sock with 15watt (without solar and solar)	1 Km	2499
2.	Fenceing sock with 20 watt(without Solar and battery)	4 – 5 Km	5499
3.	Fenceing sock with 15watt (without solar and solar)	1 Km	N/A
4.	Fenceing sock with 20 watt(without Solar and battery)	4 – 5 Km	N/A

If you want to see video then you tube link is given below.

1) <https://www.youtube.com/watch?v=0XdQeoVCADk>

For more information go to our website.

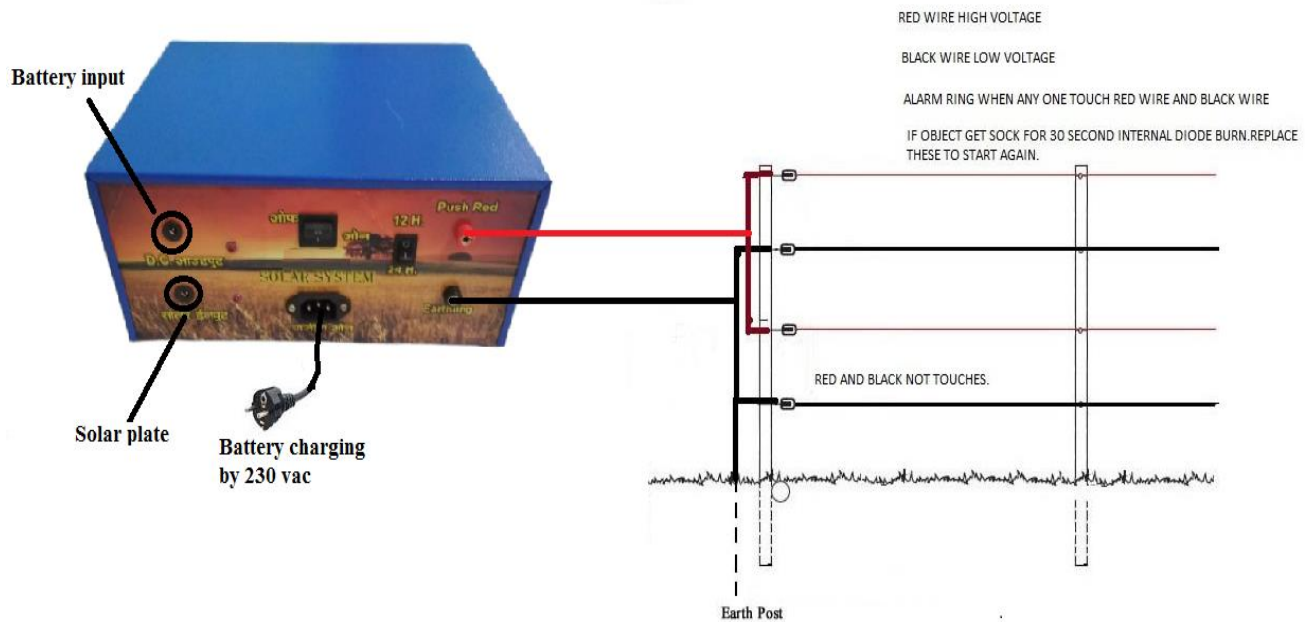
Website reference

- 1) <http://patelebeddedssystem.com>
- 2) <http://yagnikpokar.weebly.com>
- 3) <http://pokalebeddedssystem.weebly.com>
- 4) <http://www.indiamart.com/pokal-electronics/>

Regard;

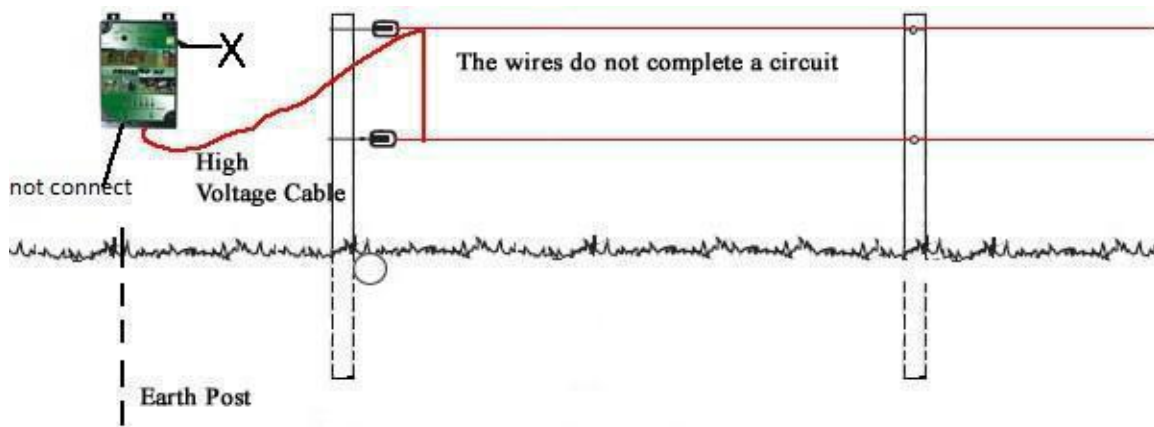
Pokal embedded system;  
yagnikpokal@gmail.com

For Four wire Fencing configuration



Or

For two wire Fencing use given below configuration

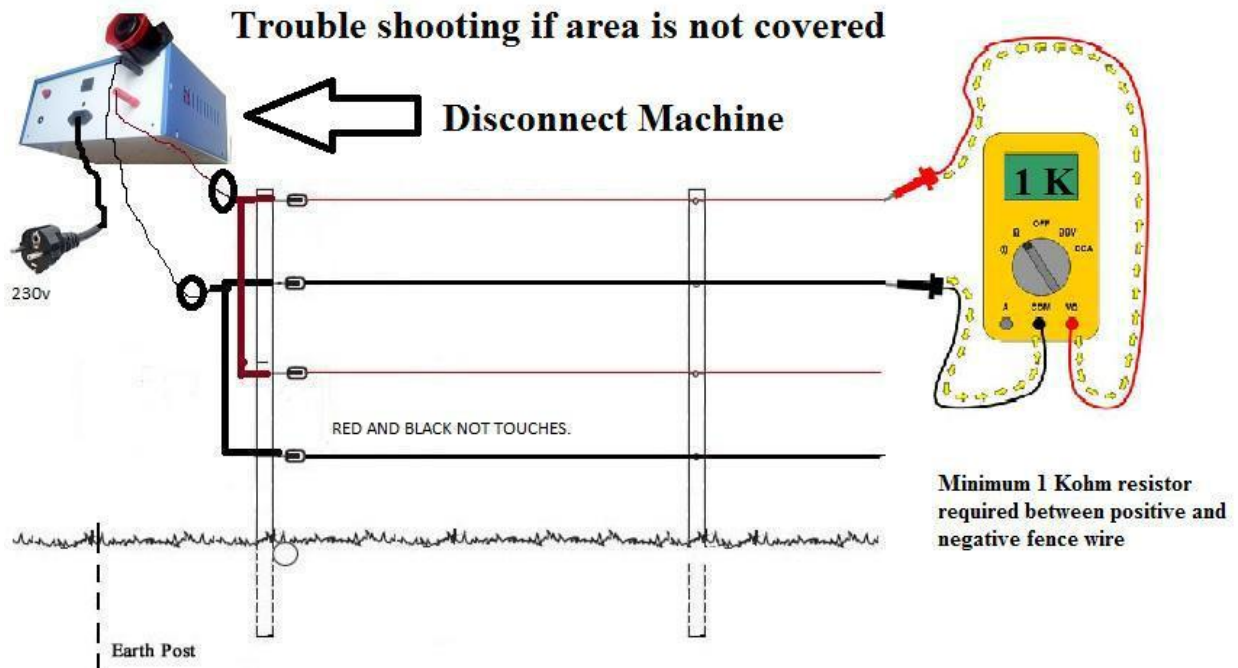


- 1> give 230 vac and make switch on.(if you buy 230 Vac adapter)
- 2> If led is blink then connect red and black wire.
- 3> Your device is redy to use.
- 4> If led is not blink then check the line voltage is 230vac.if its more or less do not connect line voltage to machine. after some time when voltage is near about 230vac then again attach device with line.
- 5> Do not shot red and black wire else alarm is ringing. at these time it takes maximum power nearly about 25watt power.
- 6> On stand by use of machine it takes 1to 5watt power.

- 7> Use insulation at all pole for better result and long life of fencing.
- 8> Insulation make machine to run at low power.
- 9> When alarm ring off the fencing in 30 second. if object is still getting sock. otherwise fuse and diode burn. so replace these and restart again.
- 10> You can use 1n4007 diode for replacement. or similar diodes.
- 11> If alarm is ring without any object detect then buyer need to use more insulation in fencing wire and poles.

### What to do if my machine not cover Fencing area?

- 1> Disconnect the machine.
- 2> Check out the resistance between positive and negative fence wire.
- 3> It should be >1Kohm in multimeter.
- 4> If not check your insulator at all poles.or use good quality of insulator for better result.
- 5> Check out any plants or any other object not touch to fencing wire.



#### Instructions For OEM parts only:-

- 1> OEM parts not contain any guarantees also with proper knowledge of field required to join all the parts.we are not responsible for anykind of hazardes if buyer assembled its own machine by oem parts.
- 2> Prise list for OEM is different then ordinary and contact for oem parts. Mo:- 9925020032.
- 3> We are provide circuit diagram for OEM. Also all the parts. but we are not responsible if there is misuse of the parts.

- 4> Battery and solar wire are given on pcb as a battery + ,battery -,solar+,solar-.
- 5> Use of solar mppt charger make batterys long life.
- 6> For OEM parts courier charges may also be apply in according to location to be shipping.

**Quotation table for oem parts:-**

Sq.no.	product	capacity	Coast(rupees)
1.	Fenceing circuit	25 watt	500
2.	Low frequency transformer	12v 2amp	200
3.	High frequency transformer	2.5kv	500
4.	Casing or body	20*15*20 cm	500
5.	Other accessories and wire Banana connectors and powerplug.		400

How to attach external battery and solar in machine.

There are 4 terminal in a pcb.

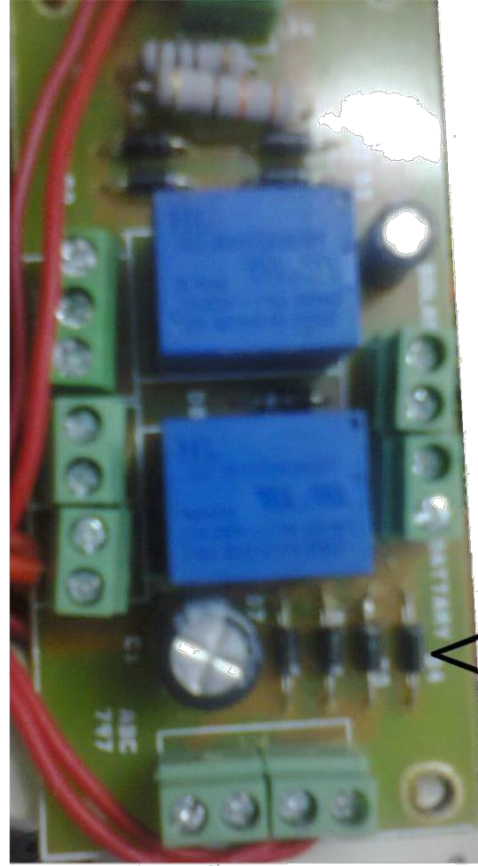
- 1> Solar+ and solar – for solar.
- 2> Battery+ and battery – for battery.
- 3> Battery may be 7 ah, 12ah ,35ah etc.
- 4> Use of MPPT charger or pwm charger may cause advanced protection in solar. also efficiency increased.
- 5> Without the instruction of technician do not do experiment in pcb or high voltage transformer for any kind of hazards we are not responsible for these.

How to mount insulator in fenceing pole.

- 1> By the use of insulator on the fenceing pole user can make machine life long as well as more area covering capacity.

Here some of the example of the insulators are given>





replace diode if alarm is ring more then 10 minute

diode



Desolde old Diode and put new one.

Replace diode if alarm if ringing more then 10 minute and fencing time is change