



# Product Information

## Electric Fence energizers

### QUICK TIPS

- Animals with higher set hooves (Ex.:Goats) normally require a higher voltage since their feet don't touch the ground as much as horses and cattle.

Electric fence energizers take electric energy from various power sources which then allows power to be delivered to the electric fence wire system. Electric fences are known for the shock they emit when an animal touches the wire. This shock is very stunning to animals and makes them weary of coming near the fence, which in turn also prevents them from both escaping or breaking into your stock pens.

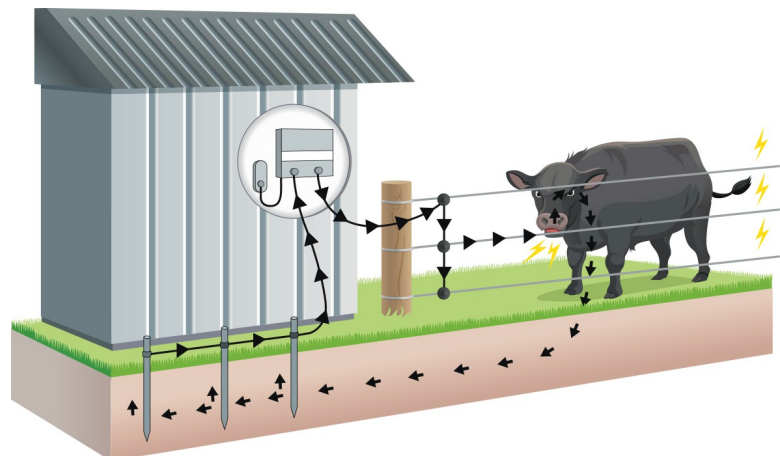
Being stunned by an electric fence should not harm an animal or human unless they become tangled up in the wires. That is why it is important to properly install the fence to you animal's needs and height.

There are many different types and sizes of electric fence chargers that are designed for various distance coverages as well as the power used. There are three options for how energizers are powered: A/C (Alternating current; Plugged in), D/C (battery) and solar powered energizers. Keep in mind that A/C powered chargers need to be set up inside, or have a safety box constructed to keep them out of the elements, especially rain.

The grounding circuit is a critical component of your electric fence and is essential to its proper functioning. The fence charger, or energizer, is designed to alter the electric charge into a power that is safe for animals and people.

When an animal touches the electrically charged fence wire, the animal feels the electric current as the charge passes through its body. The charge then continues the circuit through the earth to the ground rod and then up the ground wire to the ground terminal of the charger.

The type of wire you use is dependent on your needs. Though steel wire is cheaper to purchase, it is less conductive. Aluminum wire has more conductivity, but also a higher price. If electric tape is to be used, keep in mind that it is more of a visual aid for your stock, whereas wire is more hidden, which can be more useful when using against predators and larger herds.



# Electric Fence energizers

<i>Brand/ model</i>	<i>Power</i>	<i>Joules</i>	<i>Acreage / Miles</i>
<b>Patriot</b>			
PMX1500	AC 110 V	13 J	600 Acres / 200 Miles
PMX600	AC 110 V	6 J	300 Acres / 200 Miles
PMX450	AC 110 V	4.5 J	250 Acres / 80 Miles
PMX350	AC 110 V	3 J	200 acres / 65 Miles
P30	AC 110 V Battery Solar	3 J	200 acres / 65 Miles
P20	AC 110 V Battery Solar	2 J	165 Acres / 50 Miles
PBX200	Battery Solar	1.9 J	165 Acres / 50 Miles
PMX200	AC 110 V	2 J	165 Acres / 50 Miles
P10	AC 110 V Battery Solar	1 J	100 Acres / 30 Miles
PBX120	Battery Solar	1.2 J	100 Acres / 30 Miles
PB12	Battery D Battery	.12 J	40 Acres / 10 Miles
PE10B	Battery	.30 J	40 Acres / 10 Miles
PE10	AC 110 V	.30 J	40 Acres / 10 Miles
Solargard 155	Gel Cell Solar	.15 J	40 Acres / 10 Miles
PE5B	Battery	.20 J	20 Acres / 5 Miles
PE5	AC 110 V	.20 J	20 Acres / 5 Miles
SolarGard 50	Gel Cell Solar	.05 J	12 Acres / 3 miles
PE2	AC 110 V	.10 J	8 Acres / 2 Miles
PS5 solar	Gel Cell Solar	.04 J	8 Acres / 2 Miles
<b>Gallager</b>			
Yard Master	AC 110 V	.2 J	1.25 Miles
The Rustler	AC 110 V	.5 J	3 Miles
The Wrangler	AC 110 V	1 J	6 Miles
M150	AC 110 V	1.5 J	60 Acres
M300	AC 110 V	3 J	85 Acres
M600	AC 110 V	6 J	150 Acres
Porta Fence	Battery	.11 J	30 Miles
B60	Battery	.6 J	6 Acres
Power Plus 550	Solar	.5 J	40 Acres
<b>Zareba</b>			
2MI	AC 110 V	.05 J	2 miles
5MI	DC	.07 J	5 Miles
Zareba Solar	Solar	.04 J	2 miles
<b>Parmark</b>			
Pet Gard	AC 110 V		½ Mile