



### CO-OP® 110/20-Volt Fence Energizer

AC unit charges up to 15 miles of fence. Suitable for most livestock applications in small to medium pastures. 4303 632

**79<sup>97</sup>** each



### CO-OP® 12-Volt Battery-Powered Fence Energizer

For livestock and predator control in medium to large pastures. 30-mile range. 4303 608

**64<sup>97</sup>** each



### CO-OP® 6-Volt Solar-Powered Fence Energizer

Low-impedance fencer has 25-mile range for livestock and predator control in medium to large pastures. 4303 574

**159<sup>97</sup>** each



### CO-OP® 12-Volt Solar-Powered Fence Energizer

30-mile range for livestock and predator control in medium to large pastures. 4303 582

**289<sup>97</sup>** each

## Facts You Should Know About Electric Fencing

### Low Impedance:

The above models featured here are the latest state-of-the-art LOW IMPEDANCE design which allows more shocking power to be delivered to the fence. These low impedance fencers will shock through wet weeds and brush, and will shock to the end of the fence.

### Joule Rating:

The joule is a measurement of heat in British Thermal Units (BTUs) or foot-pounds of Energy. The distance a given weight can be moved in a unit of time, or the amount of heat that is generated for a specified time, equals a joule. The joule does NOT measure the effectiveness or safety of electric shock.

The longer the "on-time" of the pulse, the higher the joule rating will be even though a longer "on-time" is less effective and less safe to use. It's important to note that Underwriters Laboratories (U/L) and Canadian Standards

Association (CSA) do NOT recognize the joule as a measurement when applied to electric fence chargers. We agree with U/L and CSA that the joule rating is not an accurate measurement of the effectiveness of any fence charger. We provide joule ratings only as a basis of comparing these fencers with other brands which do rate their fencers in joules.

### Note:

Fence conditions (fence load) constantly varies 24 hours a day and there are no two fences exactly the same. The joule rating of any fence charger constantly varies as the fence load varies. No one can tell you accurately the joule rating on your fence without actually measuring it on your fence.

Model	Type	Fence Distance	Joules	Low Impedance	Horses	Cattle	Predators
1100	6V solar	40 km / 25 mi	1.4	yes	yes	no	no
1200	12V solar	48 km / 30 mi	3	yes	yes	yes	yes
1300	12V	48 km / 30 mi	3	yes	yes	yes	yes
1400	110-120V	48 km / 30 mi	6	yes	yes	yes	yes