

# Herdsman Electric Fence Chargers

## 50 Miles



Herdsman 50  
110-120 Volt A.C.  
Model: HM-50-AC



- The Herdsman 50 is a powerful model designed for today's large pastures.
- Single or multi-wire high tensile fences
  - Advanced built-in computer controlled circuitry
  - Digital meter shows voltage on fence
  - Low Impedance over 6.3 joules
  - Ideal for controlled grazing of livestock
  - For indoor installation
  - Charges over 50 miles of fence
  - UL Listed



## 25 Miles



Model: HM-Solar 6



- The HM-Solar 6 solar-powered electric fencer.
- Designed for small to medium pastures
  - 100% American-made, advanced solid-state circuitry, no moving parts - provides powerful low impedance shock through wet weeds and brush
  - Day and night operation
  - Operates for 21 days in total darkness - eliminates the need for inconvenient battery recharging
  - 6 volt gel battery included
  - Weatherproof, portable, rustproof, for installation anywhere
  - Ideal for livestock control
  - Charges up to 25 miles of fence
  - UL Listed



## 30 Miles



Herdsman 30  
110-120 Volt AC  
Model: HM-30-AC



- The Herdsman 30 is low impedance with maximum output.
- Designed for medium to large pastures
  - Single or multi-wire high tensile fence
  - Advanced built-in computer controlled circuitry
  - Digital meter shows voltage on fence
  - Low Impedance over 4.9 Joules
  - Designed for medium pastures
  - Ideal for livestock or predator control
  - Charges up to 30 miles of fence
  - For indoor installation
  - UL Listed



## 30 Miles



Model: HM-Solar 12



- The HM-Solar 12 is a powerful 12-volt solar powered fence charger.
- Designed for medium to large pastures
  - Features our exclusive built-in performance meter, tells you the exact condition of fence
  - Advanced circuitry - no moving parts - provides powerful low impedance shock through wet weeds and brush
  - Equipped with the latest state-of-the-art solar panel and sealed 12 volt battery
  - Weatherproof, portable, rustproof, for installation anywhere
  - Ideal for livestock and predator control
  - Charges up to 30 miles of fence
  - UL Listed



## 30 Miles



Herdsman 30 DC  
Model: HM-30-DC



- The Herdsman 30 DC is the most advanced 12 volt solid state fence energizer on the market.
- Designed for medium to large pastures
  - Performance meter that shows condition of fence
  - Low impedance for maximum power, longer life
  - Weatherproof, portable - outdoor model
  - Use with 12 volt storage battery
  - Comes complete with battery clamps
  - Ideal for livestock or predator control
  - Charges up to 30 miles of fence
  - UL Listed



**NOTE:** icons indicate recommended usage.



### WARNING:

If used for portable electric fencing, these products must be used within permanent fencing. Their effectiveness is dependent upon proper installation and electrification. Do not use portable electric fencing as only means of animal containment. If used as only means of containment without permanent fencing, animals may escape with the risk of serious injury to animals or people.

# Herdsman Electric Fence Accessories



## Herdsman Super Heavy Duty Steel Pig Tail Step-in-Post

42" length, super heavy duty 9/32" (7.1mm) Galvanixed steel rod. Designed to work with all wire, polywire, polytape and rope electric fences. Sharpened post and step-in fin design provides additional ground stability. 30,000 volt, ultraviolet resistant, insulation ensures fence won't short out.



Rod Post Insulator for wire or rope, yellow Item # 1537Y-HM



Snap on "claw" insulator for wire, polywire, or 1/4" electric polyrope, Yellow Item # 1540Y-HM



T-Post insulator for Wire, Polywire or Rope, Yellow Item# 1541Y-HM



5" Nail or screw on insulator for wire, polywire, polytape or 1/4" electric rope, Yellow Item # 1552Y-HM



Nail or snap on insulator for wood or T-Post for wire, polywire or polyrope, Black Item # 1544-HM or Yellow Item # 1544Y-HM

C-100 Corner insulator Yellow Item # 1523Y-HM



C-150 Heavy Duty Corner Insulator Yellow Item # 1541Y-HM

A wide range of Herdsman insulators are available in both yellow or black. See your local Herdsman dealer for details.



# Electric Fencing Guide



[www.herdsmanbrand.com](http://www.herdsmanbrand.com)





Herdsman Wire & Tape

- Economical and great for temporary electric fences
- Easy to handle
- Orange and white for high visibility
- Ultraviolet (UV) stabilized for excellent durability in sunlight and backed by 1 year UV warranty
- Wire is available in 656' (200m), 1312' (400m) rolls
- Tape is available in 1/2" wide 656 ft (200m) spools



200M Item # 1912-HM  
400M Item # 1913-HM



Item # 1953-HM



Item # 1795-HM

1/4" Electric Fence Rope

- Has 6 stainless steel conductors (.30mm)
- High Visibility - solid white fibrillated polypropylene
- U.V. stabilized - formulated for excellent durability in sunlight
- 1 year UV warranty

Rope Splicer



Item # 532



Item # 1693-HM

Underground-Insulated Cable

Use insulated cable under gates and other installations where you do not want exposed charged wire. Can also be used to connect fence charger to fence. Do not use standard insulated wire for this application. It will not work. You **MUST USE** insulated wire especially designed for use with electric fence chargers.

ADDITIONAL PRODUCTS NEEDED FOR FENCE CHARGER INSTALLATION



Digital Fence Testers item #813

- Easy to read digital design
- Reads up to 19.9 kilovots
- Matches the performance meter on Parmak fence chargers
- For use with all low impedance fence chargers
- Measures fence performance to help diagnose problems
- Requires one 9v battery (sold separately)
- 1 Year warranty
- 6 light fence tester (item #817) is also available



Herdsman 20 FT Galvanized Spring Gate Item 1890-HM

- Unique patented design
- Highly conductive
- 20 Ft. Expandable gate
- Not recommended for use with horses



Herdsman Wire Winding Spool System Item # 1222

A quick, easy way to install or take up polywire, polytape or polyrope fencing

Electri-Gate

- Stretchable gate cord, expands up to 20'
- Unique patented design with 3 year warranty
- Approved for horses
- Excellent conductivity



Ground Rods & Clamps

Ground rods (Baygard item #784) should be replaced every year to ensure proper ground. Industry recommends three (3) ground rods minimum 6' deep, 10' apart. Ground rod clamps (item #785) ensures a good electrical connection to ground rod. A good ground is essential or fence charge will not operate properly.



Output Specifications

Model	Fence Load	Volts	Joule Rating
6 Volt, Battery Operated HM-SOLAR-6 Low Impedance	Open Circuit 500 ohms	9,000	high 1.8+
	6 volt not recommended on 100 ohm loads	2,650	low .75
12 Volt, Battery Operated HM-SOLAR-12 Low Impedance	Open Circuit 500 ohms	9,500	high 3.1+
	100 ohms	6,100 3,100	low 1.1
12 Volt, Battery Operated HM-30-DC Low Impedance	Open Circuit 500 ohms	9,500	high 2.3
	100 ohms	6,100 3,100	low 1.0
110-120 Volt A.C. HM-30-AC Low Impedance	Open Circuit 500 ohms	11,000	high 4.9+
	100 ohms	8,750 4,600	low 1.1
110-120 Volt A.C. HM-50-AC Low Impedance	Open Circuit 500 ohms	11,000	high 6.3+
	100 ohms 50 ohms	8,750 6,300 4,300	low 1.5

POOR GROUND WILL DAMAGE FENCE CHARGER AND WILL DECREASE SHOCK ON FENCE LINE.

Your Low impedance fence charger (**MUST BE**) properly grounded. Three (3) six to eight foot ground rods spaced ten feet apart driven fully into permanently moist earth are recommended. **NOTE:** Sandy, rocky or clay soil conditions cause a poor ground. In these areas additional ground rods may be needed to adequately ground the fence. (In some locations as many as 5 or 6 ground rods are needed). Fence Chargers will malfunction or sustain damage if fence is NOT properly grounded.

WARRANTY

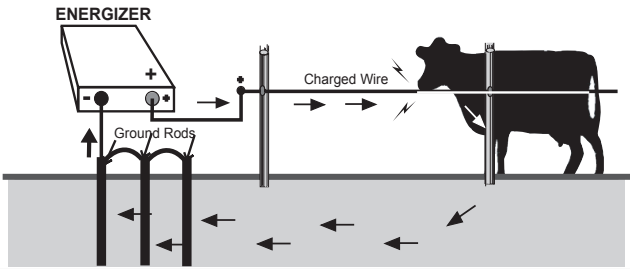
Herdsman Electric Fencers are warranted to perform exactly as represented and to be free from all defects in materials and workmanship. Any Herdsman Electric Fencer returned within two years after purchase from dealer will be repaired or replaced free of charge. Warranty includes damage by lightning. Gel battery warranted one year. Special steel housings warranted for life against rust. If housing ever rusts, it will be replaced free of charge regardless of its age

Fencing Requirements Guide

Acre	Feet of Fence
1/4	417
1/2	590
3/4	722
1	835
2	1,181
3	1,446
4	1,670
5	1,867
10	2,640
20	3,743
40	5,280
50	5,903

TYPICAL FENCE SET-UP

Single Wire Fence



A single wire portable fence may be used for pasture management. The single wire must be at approximately two-thirds the height of the animal. A single wire fence will not work reliably if there are different sizes of animals in the pasture. Multi wire fencing works more effectively.



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