

Portable

Solar Energizers

Energizers provide the source for the electric current that flows through the fence wire. The amount of electric current output (size) and power source – AC (110V), battery, or solar – differs across products.

Choosing a fence energizer depends on a couple of key factors including the amount of area to be fenced, power source connection, and type of animal being contained or excluded.

Patriot **SolarGuard™ Energizers and PS5** are most effective if placed along the middle of the fence with the panel facing towards the south.

In all cases, refer to your energizer's user manual for specific installation instructions and always mount out of reach of children and animals.

SIMPLE & INTUITIVE

- Integrated solar panel and battery in convenient robust case
- Housing for stowing fence leads when not in use
- Easy, tool-free battery replacement
- Single LED flash indicates fence pulse

SAFE & LONG-LASTING

- Rechargeable internal battery

POWER PERFORMANCE

- More power than comparable energizers
- Reliable year-round performance in harsh weather
- Includes Leads for fence connection
- Fence and Ground Terminal knobs contain metal insert which ensure robust connections

PORTABILITY

- Lightweight and easy to carry
- Mounts to existing wood or T-post

Can I use more than one energizer?

Yes, you can use more than one energizer. It is important that each energizer is used on a separate fence system.



◀ Learn More

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Customer Support **800-433-3112** or customerservice@datamars.com

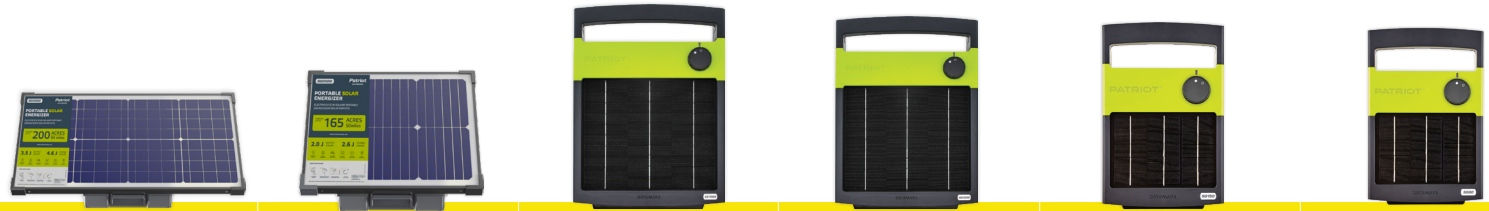
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Portable Solar Energizers

DATAMARS
Livestock™



	SolarGuard™ 3500	SolarGuard™ 2000	SolarGuard™ 1000	SolarGuard™ 500	SolarGuard™ 150	SolarGuard™ 80
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Product Number (SAP)	880 0004-860	880 0004-859	880 0002-628	880 0002-625	880 0002-605	880 0002-608
Unit Dimensions	26.7" x 14" 14.2"	17.2" x 14" x 14.2"	12.6" x 15.7" x 10.6"	12.6" x 15.7" x 10.6"	9.5" x 12.2" 10.6"	9.5" x 12.2" 10.6"
Coverage Area/Distance	65 miles; 200 acres	50 miles; 165 acres	140 miles; 40 acres	100 miles; 30 acres	40 miles; 12 acres	15 miles; 3 acres
Maximum Output Energy	3.5 J	2 J	1 J	.5 J	.15 J	.08 J
Maximum Stored Energy	4.6 J	2.6 J	1.3 J	.65 J	.21 J	.1 J
No Load Voltage	10,100V	10,500V	9,600V	9,800V	9,300V	7,300V
Standard Load Voltage	9,200V (2,000 Ω)	9,000V (2,000 Ω)	7,000V (1,000 Ω)	6,200V (1,000 Ω)	4,100V (1,000 Ω)	3,200V (1,000 Ω)
Power Modes	☑	☑	✘	✘	✘	✘
Battery Included	12V; 24Ah	12V; 12Ah	12V; 7Ah	12V; 7Ah	6V; 4Ah	6V; 4Ah
Replacement Battery (SAP) <i>(not included)</i>	880 0004-882	880 0004-881	880 0003-113	880 0003-113	880 0003-284	880 0003-284
One-hand Battery Access	☑	☑	☑	☑	☑	☑
Product Weight	26 lbs	22 lbs	13.23 lbs	13.23 lbs	5.95 lbs	5.95 lbs
Min. # of Ground Rods	3	3	1	1	1	1
Hassle-free Warranty	3-year	3-year	3-year	3-year	3-year	3-year

All SolarGuard™ Energizer units come with wood post mounting hardware, a T-post mounting channel and a Fence Lead Set (880 0003-287).

Fence condition is dependent upon a number of factors including layout, vegetation, grounding conditions, age and state of repair which can impact the performance of any electric fence. Patriot Solar Energizers are designed to operate year-round with no shading of the solar panel.