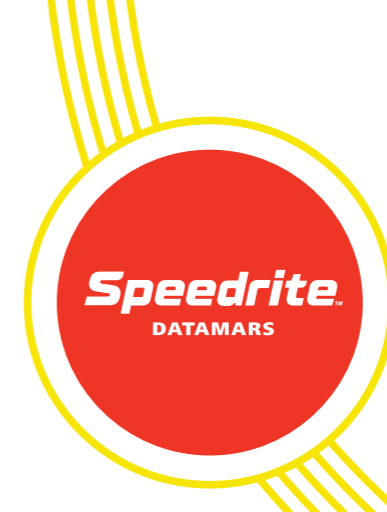


Speedrite Energizer Comparison & Selection Chart



DATAMARS
Livestock™

MODEL	POWER	COVERAGE AREA	CONTAINMENT OR EXCLUSION	OUTPUT ENERGY (UP TO)	STORED ENERGY (UP TO)	STANDARD VOLTAGE	HEAVY LOAD VOLTAGE	INPUT VOLTAGE	GROUND RODS (MINIMUM)	REMOTE CAPABLE
86000W		6,200 ACRES / 540 MILES		86 J	128 J	10,000V @ 100Ω	6,800V @ 25Ω	120 - 240V, 50 - 60 Hz	12	
46000W		3,300 ACRES / 250 MILES		46 J	68 J	9,300V @ 500Ω	8,900V @ 100Ω	100 - 240V, 50 - 60 Hz	9	
18000i		1,300 ACRES / 120 MILES		18 J	24 J	7,800V @ 500Ω	5,200V @ 100Ω	12V / 100 - 240V	6	
12000i		500 ACRES / 90 MILES		12 J	16 J	7,800V @ 500Ω	4,900V @ 100Ω	12V / 100 - 240V	6	
6000i		240 ACRES / 60 MILES		6J	9 J	8,000V @ 1000Ω	6,700V @ 500Ω	12V / 100 - 240V	4	
6000		240 ACRES / 60 MILES		6J	9 J	8,000V @ 1000Ω	6,700V @ 500Ω	12V / 100 - 240V	4	---
3000		120 ACRES / 30 MILES		3 J	4.5 J	7,900V @ 1000Ω	6,200V @ 500Ω	12V / 100 - 240V	3	---
2000		80 ACRES / 20 MILES		2 J	2.7 J	7,700V @ 1000Ω	5,900V @ 500Ω	12V / 100 - 240V	3	---
1000		40 ACRES / 10 MILES		1 J	1.5 J	6,900V @ 1000Ω	5,300V @ 500Ω	12V / 100 - 240V	2	---
S1000 INTEGRATED SOLAR ENERGIZER		140 ACRES / 40 MILES		1 J	1.3 J	7,100V @ 1000Ω	5,600V @ 500Ω	12V Internal Battery	1	---
S500 INTEGRATED SOLAR ENERGIZER		100 ACRES / 30 MILES		.5 J	.65 J	6,200V @ 1000Ω	4,500V @ 500Ω	12V Internal Battery	1	---
AN90		5 ACRES / 1.25 MILES		.12 J	.16 J	4,500V @ 2000Ω	---	D Batteries (x4) OR 12V/6V Ext	1	---
AN20		1 ACRE / 0.6 MILE		.04 J	.05 J	2,800V @ 2000Ω	---	D Batteries	1	---

***Note:** Range claims are a general guide and based on multi-wire fences. Actual range claims depend on many factors including fence and operation conditions, livestock type, and environment. Fence conditions can have a major impact on the voltage and effectiveness of any electric fence. Fence condition is dependent upon a number of factors including fence layout, vegetation, grounding conditions, age and state of repair. Solar panel wattage numbers are only general recommendations and may vary based on geography. Please consult your local electric fence professional to determine the best solar panel for your operation. All Speedrite energizers are low impedance.