

# Speedrite *Energizer Selection & Comparison Chart*



From cost effective and reliable AC energizers to all-in-one Unigizers™, the Speedrite range of energizers also includes portable options and a solar range, ideal for isolated areas where no AC power is available. You can rely on Speedrite to deliver maximum power and unique market-leading technologies from decades of intense research and development.

MODEL	POWER TYPE	FENCE RANGE/ANIMALS CONTROLLED*	PEAK OUTPUT ENERGY (UP TO)	PEAK STORED ENERGY (UP TO)	STANDARD LOAD VOLTAGE	HEAVY LOAD VOLTAGE	INPUT VOLTAGE	GROUND RODS (MINIMUM)	REMOTE CAPABLE
	AC Battery Solar								
<b>86000W</b>		<b>6,200 ACRES</b> 540 MILES <b>WORLD'S MOST POWERFUL ENERGIZER</b>	86 J	128 J	10,000V @ 100Ω	6,800V @ 25Ω	120 - 240V, 50 - 60 Hz	12	
<b>46000W</b>		<b>3,300 ACRES</b> 290 MILES	46 J	68 J	9,300V @ 500Ω	8,900V @ 100Ω	100 - 240V, 50 - 60 Hz	9	
<b>18000i</b>		<b>1,300 ACRES</b> 120 MILES	18 J	24 J	7,800V @ 500Ω	5,200V @ 100Ω	12V / 100 - 240V	6	
<b>12000i</b>		<b>500 ACRES</b> 90 MILES	12 J	16 J	7,800V @ 500Ω	4,900V @ 100Ω	12V / 100 - 240V	6	
<b>6000i</b>		<b>240 ACRES</b> 60 MILES	6J	9 J	8,000V @ 1000Ω	6,700V @ 500Ω	12V / 100 - 240V	4	
<b>6000</b>		<b>240 ACRES</b> 60 MILES	6J	9 J	8,000V @ 1000Ω	6,700V @ 500Ω	12V / 100 - 240V	4	<b>No</b>
<b>3000</b>		<b>120 ACRES</b> 30 MILES	3 J	4.5 J	7,900V @ 1000Ω	6,200V @ 500Ω	12V / 100 - 240V	3	<b>No</b>
<b>3 J SOLAR SYSTEM</b>		<b>120 ACRES</b> 30 MILES	3 J	4.5 J	7,900V @ 1000Ω	6,200V @ 500Ω	12V Battery	3	<b>No</b>
<b>2000</b>		<b>80 ACRES</b> 20 MILES	2 J	2.7 J	7,700V @ 1000Ω	5,900V @ 500Ω	12V / 100 - 240V	3	<b>No</b>
<b>2 J SOLAR SYSTEM</b>		<b>80 ACRES</b> 20 MILES	2 J	2.7 J	7,700V @ 1000Ω	5,900V @ 500Ω	12V Battery	3	<b>No</b>
<b>1000</b>		<b>40 ACRES</b> 10 MILES	1 J	1.5 J	6,900V @ 1000Ω	5,300V @ 500Ω	12V / 100 - 240V	2	<b>No</b>
<b>S1000</b>		<b>140 ACRES</b> 40 MILES INTEGRATED SOLAR ENERGIZER	1 J	1.3 J	7,100V @ 1000Ω	5,600V @ 500Ω	12V Internal Battery	1	<b>No</b>
<b>S500</b>		<b>100 ACRES</b> 30 MILES INTEGRATED SOLAR ENERGIZER	.5 J	.65 J	6,200V @ 1000Ω	4,500V @ 500Ω	12V Internal Battery	1	<b>No</b>
<b>AN90</b>		<b>5 ACRES</b> 1.25 MILES 	.12 J	.16 J	4,500V @ 2000Ω	-	D Batteries (x4) OR 12V/6V Ext	1	<b>No</b>
<b>AN20</b>		<b>1 ACRE</b> .6 MILES 	.04 J	.05 J	2,800V @ 2000Ω	-	D Batteries (x2)	1	<b>No</b>

**\*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.