

Unit	Price	Output joules	Solar panel (watts)	Panel watts per joule of output	Battery cap. Amp. Hours	Amp. Hrs per joule of output	Energy demand per hr. (milliamps)	Energy saving?	Includes
Premier PRS-I 50	\$308	0.5	10	20	12	24	25-50	yes***	ground rod, 110v batt charger, overcharge reg
Premier PRS-B 50	\$269	0.5	10	20	12	24	50	no	ground rod, 110v batt charger, overcharge reg
Zareba ESP30M-Z	\$345	0.5	5	20	10	24		no	
Stafix SXS/Speedrite S500	\$290	0.5	5	10	7	20		yes**	
Kencove EKS.5	\$270	0.5	5	10	10	14	50	no	
Premier PRS-I 25	\$229	0.25	6	24	12	48	13-27	yes***	ground rod, 110v batt charger, overcharge reg
Gallagher S50	\$330	0.35	5	14	12	34	38	no	
Kencove EKS 25	\$198	0.25	5	20	7	28	27	no	
Gallagher S20	\$240	0.16	2	13	5	31	20	no	
Zareba ESP10M-Z	\$230	0.15	3.3	22	5*	33		no	
Patriot 155	\$190	0.15	5	33	7	47		no	

\* Published capacity of this battery is 6v/10ah, but we are comparing it to 12v systems. So capacity has been modified to reflect 12v systems.

\*\* When battery condition declines the output does also—extends battery life.

\*\*\* Reduces energy draw when the fence is "clean" (not in contact with wet or green weeds).