



Conergy Solar Slowpump

Solar Slowpump was the world's first commercially available low power solar pump. It was developed by Windy Dankoff in 1983, in response to those who said "that's impossible". Thousands of Slowpumps have been installed worldwide by ranchers, homeowners, missionaries, health workers and government agencies. Some of our oldest Slowpumps are still in daily service.

Slowpump is not submersible, but can draw water from shallow wells, springs, cisterns, tanks, ponds, rivers and streams, and push it as high as 450 vertical feet and through miles (kilometers) of pipeline. Slow pumping minimizes the size and cost of the solar array, wire and piping.

Slowpump is less expensive than submersible DC pumps, and made in a much wider range of sizes. Wearing parts typically last 5 to 10 years. Overall life expectancy is 15 to 20 years.



Technical data Conergy Solar Slowpump

Total Lift Feet / Meters	1322		1310		1308		1304		1303		2505		2507	
	GPM	Watts	GPM	Watts	GPM	Watts	GPM	Watts	GPM	Watts	GPM	Watts	GPM	Watts
20 6	0.51	27	0.92	29	1.25	30	1.75	37	2.50	48	3.25	55	4.00	57
40 12	0.51	32	0.92	41	1.25	48	1.75	53	2.50	60	3.23	69	3.95	78
60 18	0.51	36	0.89	46	1.20	54	1.68	64	2.40	78	3.15	90	3.90	102
80 24	0.49	40	0.88	51	1.20	60	1.64	73	2.30	93	3.10	106	3.90	120
100 30	0.49	45	0.88	57	1.20	66	1.64	82	2.30	105	3.08	124	3.85	144
120 36	0.48	50	0.88	61	1.20	70	1.62	90	2.25	121	3.02	142	3.80	165
140 42	0.47	56	0.88	66	1.20	75	1.60	100	2.20	138	2.92	166	3.65	195
160 48	0.47	62	0.87	74	1.20	84	1.60	112	2.20	153	2.85	187		
180 54	0.47	66	0.86	82	1.18	93	1.57	122	2.15	165	2.75	205		
200 60	0.45	74	0.85	89	1.16	101	1.56	133	2.15	180				
240 72	0.44	90	0.83	105	1.14	117	1.54	152	2.15	204				
280 84	0.41	102	0.81	120	1.12	135	1.51	175						
320 96	0.41	120	0.79	138	1.10	153	1.48	196						
360 108	0.41	134	0.76	154	1.05	171								
400 120	0.40	150	0.73	176	1.00	198								
440 132	0.39	168	0.70	202										

| performance at 15 or 30 V (PV-Direct voltage)
| For battery, subtract 20 % from Flow & Watts

| 24 V pump may be run at 12 volts to yield 1/2 flow at 1/2 watts.
| Actual performance may vary ±10 % from specifications.

