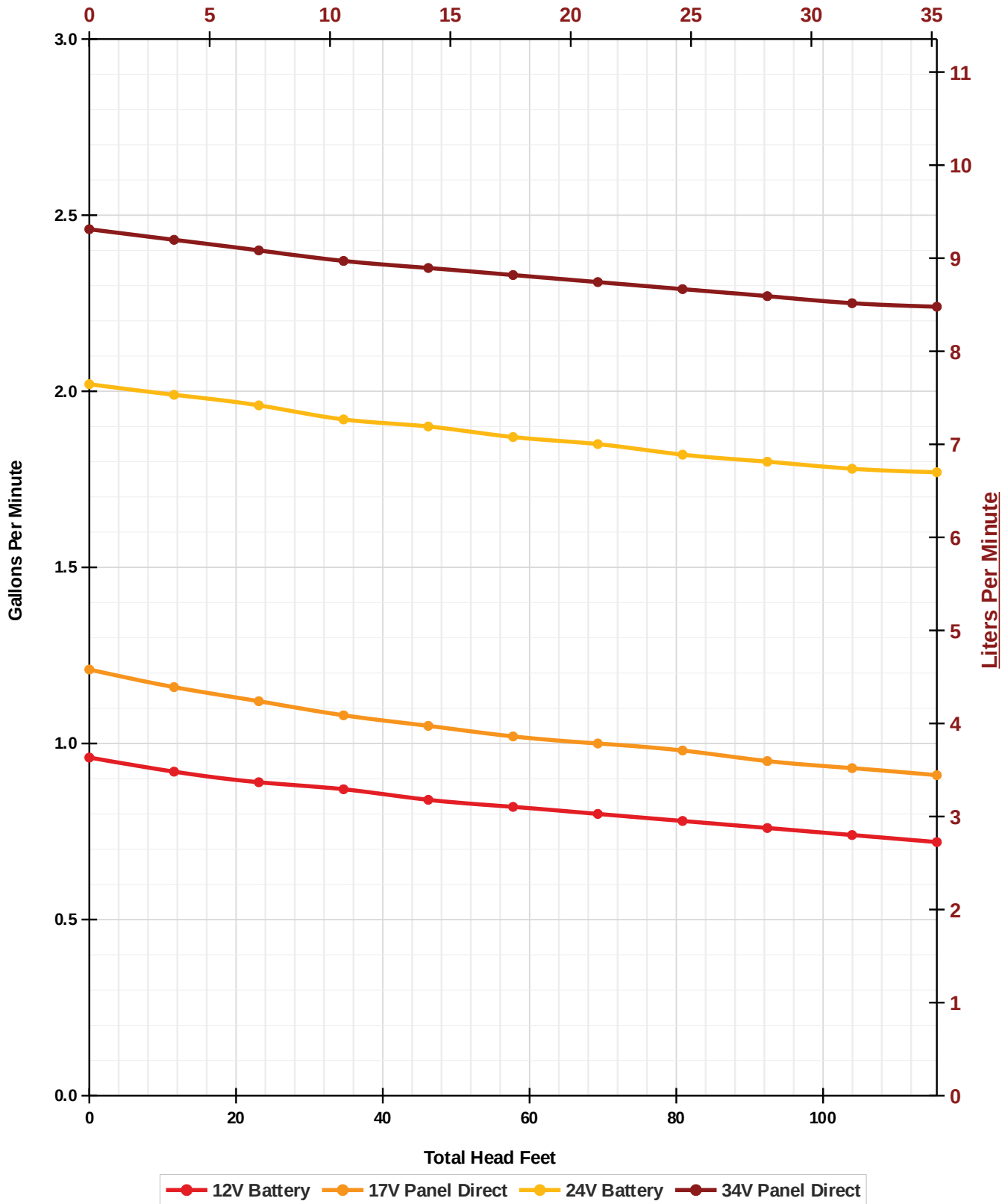


SunPumps SDS-T-130 Submersible Pump

Total Head Meters



SunPumps SDS-T Series Submersible Pump

Model SDS-T-130

12 Volt Battery

PSI	TDH	TDH	Motor	Motor	U.S.		Motor	Peak Panel	System
	Feet	Meters	Voltage	Amps	GPM	LPM	Watts	Watts*	Efficiency
0	0.0	0.0	12.5	1.02	0.96	3.63	13	16	0.0%
5	11.6	3.5	12.5	1.21	0.92	3.48	15	19	13.2%
10	23.1	7.0	12.5	1.42	0.89	3.37	18	22	21.8%
15	34.7	10.6	12.5	1.58	0.87	3.29	20	25	28.8%
20	46.2	14.1	12.5	1.79	0.84	3.18	22	28	32.7%
25	57.8	17.6	12.5	1.98	0.82	3.10	25	31	36.0%
30	69.3	21.1	12.5	2.17	0.80	3.03	27	34	38.5%
35	80.9	24.6	12.5	2.33	0.78	2.95	29	36	40.8%
40	92.4	28.2	12.5	2.50	0.76	2.88	31	39	42.3%
45	104.0	31.7	12.5	2.66	0.74	2.80	33	42	43.6%
50	115.5	35.2	12.5	2.75	0.72	2.73	34	43	45.6%

17 Volt Panel Direct

PSI	TDH	TDH	Motor	Motor	U.S.		Motor	Peak Panel	System
	Feet	Meters	Voltage	Amps	GPM	LPM	Watts	Watts*	Efficiency
0	0.0	0.0	15.0	1.01	1.21	4.58	15	19	0.0%
5	11.6	3.5	15.0	1.21	1.16	4.39	18	23	13.9%
10	23.1	7.0	15.0	1.42	1.12	4.24	21	27	22.9%
15	34.7	10.6	15.0	1.59	1.08	4.09	24	30	29.6%
20	46.2	14.1	15.0	1.78	1.05	3.97	27	33	34.2%
25	57.8	17.6	15.0	1.95	1.02	3.86	29	37	37.9%
30	69.3	21.1	15.0	2.13	1.00	3.79	32	40	40.9%
35	80.9	24.6	15.0	2.32	0.98	3.71	35	43	42.9%
40	92.4	28.2	15.0	2.48	0.95	3.60	37	47	44.5%
45	104.0	31.7	15.0	2.63	0.93	3.52	39	49	46.2%
50	115.5	35.2	15.0	2.78	0.91	3.44	42	52	47.5%

24 Volt Battery

PSI	TDH	TDH	Motor	Motor	U.S.		Motor	Peak Panel	System
	Feet	Meters	Voltage	Amps	GPM	LPM	Watts	Watts*	Efficiency
0	0.0	0.0	25.0	1.27	2.02	7.65	32	40	0.0%
5	11.6	3.5	25.0	1.48	1.99	7.53	37	46	11.7%
10	23.1	7.0	25.0	1.66	1.96	7.42	42	52	20.6%
15	34.7	10.6	25.0	1.87	1.92	7.27	47	58	26.8%
20	46.2	14.1	25.0	2.07	1.90	7.19	52	65	32.0%
25	57.8	17.6	25.0	2.28	1.87	7.08	57	71	35.7%
30	69.3	21.1	25.0	2.49	1.85	7.00	62	78	38.8%
35	80.9	24.6	25.0	2.70	1.82	6.89	68	84	41.1%
40	92.4	28.2	25.0	2.89	1.80	6.81	72	90	43.4%
45	104.0	31.7	25.0	3.06	1.78	6.74	77	96	45.6%
50	115.5	35.2	25.0	3.28	1.77	6.70	82	103	47.0%

34 Volt Panel Direct

PSI	TDH	TDH	Motor	Motor	U.S.		Motor	Peak Panel	System
	Feet	Meters	Voltage	Amps	GPM	LPM	Watts	Watts*	Efficiency
0	0.0	0.0	30.0	1.36	2.46	9.31	41	51	0.0%
5	11.6	3.5	30.0	1.53	2.43	9.20	46	57	11.5%
10	23.1	7.0	30.0	1.75	2.40	9.08	53	66	19.9%
15	34.7	10.6	30.0	1.96	2.37	8.97	59	73	26.3%
20	46.2	14.1	30.0	2.18	2.35	8.89	65	82	31.3%
25	57.8	17.6	30.0	2.39	2.33	8.82	72	90	35.4%
30	69.3	21.1	30.0	2.60	2.31	8.74	78	98	38.7%
35	80.9	24.6	30.0	2.84	2.29	8.67	85	106	40.9%
40	92.4	28.2	30.0	3.05	2.27	8.59	92	114	43.2%
45	104.0	31.7	30.0	3.20	2.25	8.52	96	120	45.9%
50	115.5	35.2	30.0	3.45	2.24	8.48	104	129	47.1%

* Using a 20% deration factor.