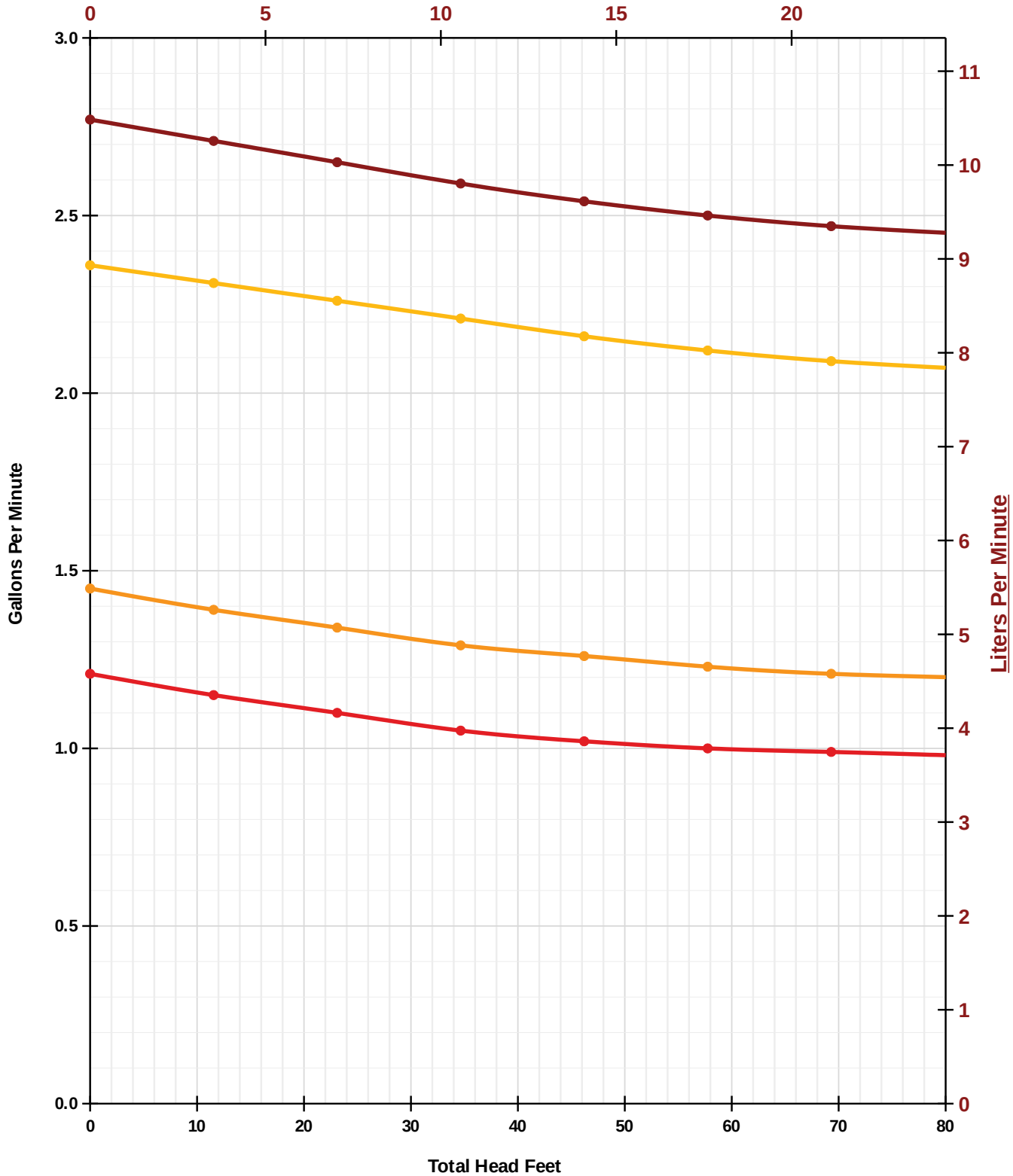


SunPumps SDS-T-135 Submersible Pump

Total Head Meters



12.5V Battery 15V Panel Direct 25V Battery 30V Panel Direct

SunPumps SDS-T Series Submersible Pump

Model SDS-T-135

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	1.09	1.21	4.58	14	17	0.0%
5	11.6	3.5	12.5	1.38	1.15	4.35	17	22	14.5%
10	23.1	7.0	12.5	1.51	1.10	4.16	19	24	25.4%
15	34.7	10.6	12.5	1.74	1.05	3.97	22	27	31.5%
20	46.2	14.1	12.5	1.97	1.02	3.86	25	31	36.1%
25	57.8	17.6	12.5	2.17	1.00	3.79	27	34	40.1%
30	69.3	21.1	12.5	2.40	0.99	3.75	30	38	43.1%
35	80.9	24.6	12.5	2.60	0.98	3.71	33	41	45.9%

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	1.16	1.45	5.49	17	22	0.0%
5	11.6	3.5	15.0	1.43	1.39	5.26	21	27	14.1%
10	23.1	7.0	15.0	1.63	1.34	5.07	24	31	23.8%
15	34.7	10.6	15.0	1.82	1.29	4.88	27	34	30.8%
20	46.2	14.1	15.0	2.07	1.26	4.77	31	39	35.3%
25	57.8	17.6	15.0	2.22	1.23	4.66	33	42	40.2%
30	69.3	21.1	15.0	2.48	1.21	4.58	37	47	42.5%
35	80.9	24.6	15.0	2.67	1.20	4.54	40	50	45.6%

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	1.50	2.36	8.93	38	47	0.0%
5	11.6	3.5	25.0	1.70	2.31	8.74	43	53	11.8%
10	23.1	7.0	25.0	1.93	2.26	8.55	48	60	20.4%
15	34.7	10.6	25.0	2.13	2.21	8.36	53	67	27.1%
20	46.2	14.1	25.0	2.33	2.16	8.18	58	73	32.3%
25	57.8	17.6	25.0	2.50	2.12	8.02	63	78	36.9%
30	69.3	21.1	25.0	2.66	2.09	7.91	67	83	41.0%
35	80.9	24.6	25.0	2.82	2.07	7.83	71	88	44.7%

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	1.67	2.77	10.48	50	63	0.0%
5	11.6	3.5	30.0	1.83	2.71	10.26	55	69	10.7%
10	23.1	7.0	30.0	1.99	2.65	10.03	60	75	19.3%
15	34.7	10.6	30.0	2.18	2.59	9.80	65	82	25.9%
20	46.2	14.1	30.0	2.35	2.54	9.61	71	88	31.4%
25	57.8	17.6	30.0	2.50	2.50	9.46	75	94	36.3%
30	69.3	21.1	30.0	2.68	2.47	9.35	80	101	40.1%
35	80.9	24.6	30.0	2.85	2.45	9.27	86	107	43.6%

* Using a 20% deration factor.