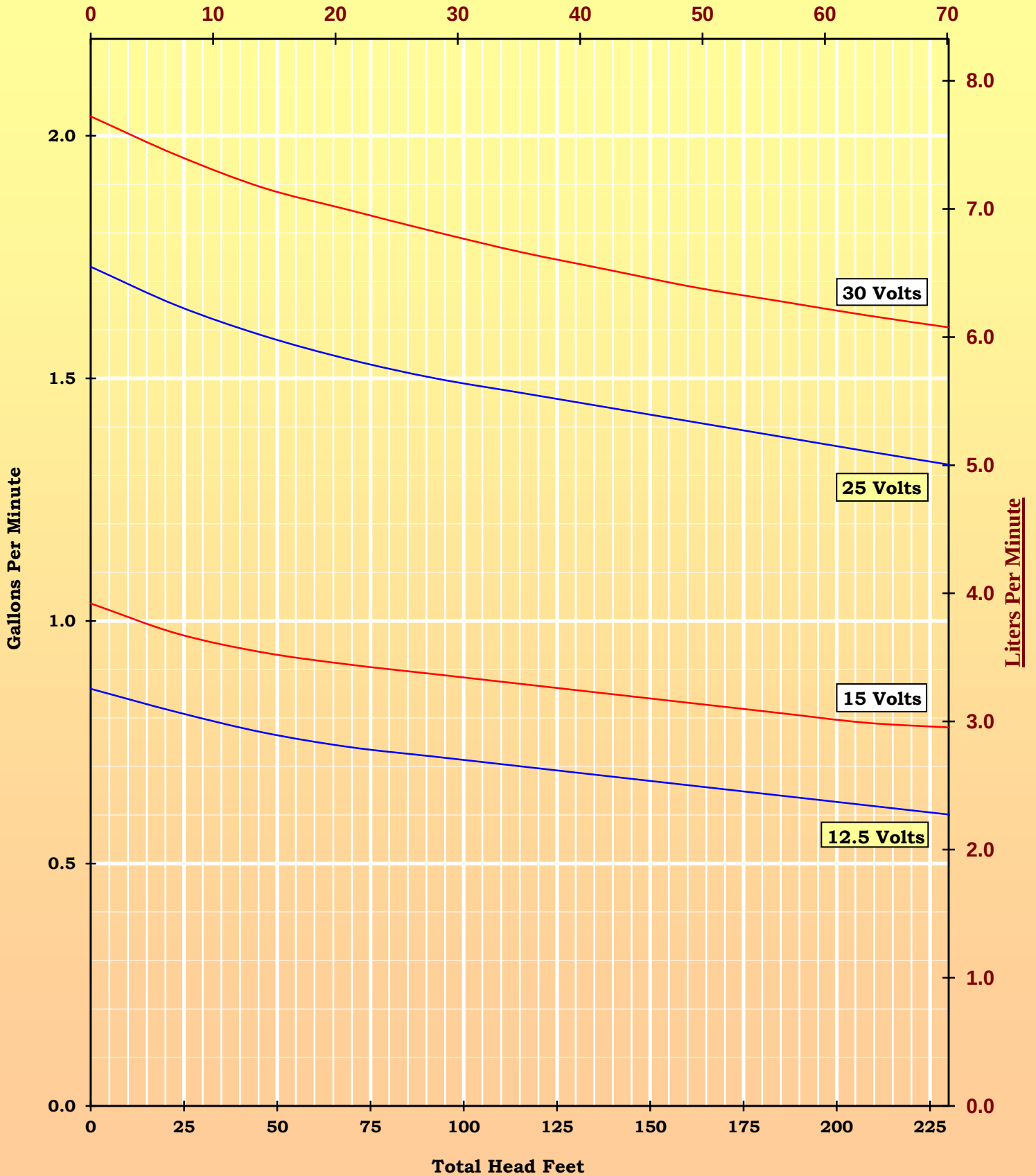


SunPumps SDS-T-128 Submersible Pump

Total Head Meters



SunPumps SDS-D Series Submersible
Model SDS-T-128

12 Volt Battery

PSI	TDH Feet	TDH Meters	Motor Voltage	Motor Amps	U.S. GPM	LPM	Motor Watts	Peak Panel Watts*	System Efficiency
0	0	0.0	12.5	0.96	0.86	3.3	12	15	0%
10	23	7.0	12.5	1.24	0.81	3.1	16	19	23%
20	46	14.1	12.5	1.56	0.77	2.9	20	24	34%
30	69	21.1	12.5	1.86	0.74	2.8	23	29	42%
40	92	28.2	12.5	2.14	0.72	2.7	27	33	47%
50	116	35.2	12.5	2.40	0.70	2.6	30	38	51%
60	139	42.3	12.5	2.71	0.68	2.6	34	42	52%
70	162	49.3	12.5	2.99	0.66	2.5	37	47	54%
80	185	56.3	12.5	3.25	0.64	2.4	41	51	55%
90	208	63.4	12.5	3.52	0.62	2.3	44	55	55%
100	231	70.4	12.5	3.83	0.60	2.3	48	60	55%

17 Volt Panel Direct

PSI	TDH Feet	TDH Meters	Motor Voltage	Motor Amps	U.S. GPM	LPM	Motor Watts	Peak Panel Watts*	System Efficiency
0	0	0.0	15	1.04	1.04	3.9	16	20	0%
10	23	7.0	15	1.33	0.97	3.7	20	25	21%
20	46	14.1	15	1.64	0.94	3.5	25	31	33%
30	69	21.1	15	1.95	0.91	3.4	29	37	41%
40	92	28.2	15	2.22	0.89	3.4	33	42	47%
50	116	35.2	15	2.47	0.87	3.3	37	46	51%
60	139	42.3	15	2.75	0.85	3.2	41	52	54%
70	162	49.3	15	3.05	0.83	3.1	46	57	55%
80	185	56.3	15	3.40	0.81	3.1	51	64	55%
90	208	63.4	15	3.68	0.79	3.0	55	69	56%
100	231	70.4	15	4.10	0.78	3.0	62	77	55%

24 Volt Battery

PSI	TDH Feet	TDH Meters	Motor Voltage	Motor Amps	U.S. GPM	LPM	Motor Watts	Peak Panel Watts*	System Efficiency
0	0	0.0	25	1.25	1.73	6.5	31	39	0%
10	23	7.0	25	1.54	1.65	6.2	39	48	19%
20	46	14.1	25	1.88	1.59	6.0	47	59	29%
30	69	21.1	25	2.22	1.54	5.8	56	69	36%
40	92	28.2	25	2.45	1.50	5.7	61	77	43%
50	116	35.2	25	2.72	1.47	5.6	68	85	47%
60	139	42.3	25	2.97	1.44	5.5	74	93	51%
70	162	49.3	25	3.25	1.41	5.3	81	102	53%
80	185	56.3	25	3.50	1.38	5.2	88	109	55%
90	208	63.4	25	3.85	1.35	5.1	96	120	55%
100	231	70.4	25	4.15	1.32	5.0	104	130	55%

34 Volt Panel Direct

PSI	TDH Feet	TDH Meters	Motor Voltage	Motor Amps	U.S. GPM	LPM	Motor Watts	Peak Panel Watts*	System Efficiency
0	0	0.0	30	1.35	2.04	7.7	41	51	0%
10	23	7.0	30	1.67	1.96	7.4	50	63	17%
20	46	14.1	30	2.00	1.89	7.2	60	75	27%
30	69	21.1	30	2.35	1.85	7.0	71	88	34%
40	92	28.2	30	2.60	1.80	6.8	78	98	40%
50	116	35.2	30	2.82	1.76	6.7	85	106	45%
60	139	42.3	30	3.07	1.72	6.5	92	115	49%
70	162	49.3	30	3.33	1.69	6.4	100	125	51%
80	185	56.3	30	3.60	1.66	6.3	108	135	53%
90	208	63.4	30	3.90	1.63	6.2	117	146	55%
100	231	70.4	30	4.21	1.60	6.1	126	158	55%

* Using a 20% deraton factor.