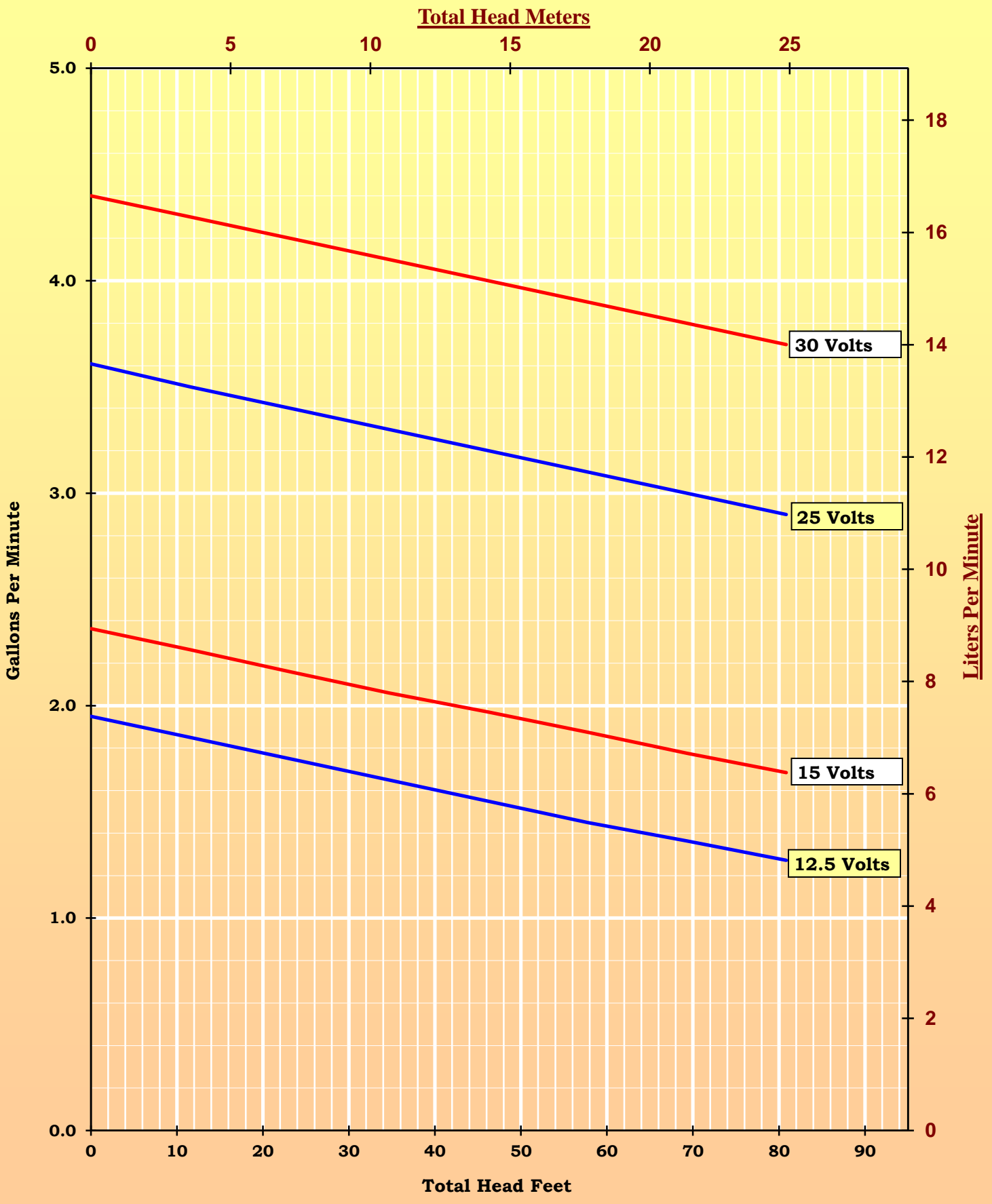


SunPumps SDS-Q-130 Submersible Pump



SunPumps SDS-Q Series Submersible

MODEL SDS-Q-130

12 Volt Battery

PSI	TDH Feet	TDH Meters	Pump Voltage	Pump Amps	U.S. GPM	LPM	Motor Watts	Panel Watts *	System Efficiency
0	0	0.0	12.5	1.20	1.95	7.4	15	19	0%
5	12	3.5	12.5	1.53	1.85	7.0	19	24	21%
10	23	7.0	12.5	1.89	1.75	6.6	24	30	32%
15	35	10.6	12.5	2.22	1.65	6.2	28	35	39%
20	46	14.1	12.5	2.52	1.55	5.9	32	39	43%
25	58	17.6	12.5	2.86	1.45	5.5	36	45	44%
30	69	21.1	12.5	3.22	1.36	5.2	40	50	44%
35	81	24.6	12.5	3.60	1.27	4.8	45	56	43%

17 Volt Panel Direct

PSI	TDH Feet	TDH Meters	Pump Voltage	Pump Amps	U.S. GPM	LPM	Motor Watts	Panel Watts *	System Efficiency
0	0	0.0	15	1.40	2.4	8.9	21	26	0%
5	12	3.5	15	1.71	2.3	8.6	26	32	19%
10	23	7.0	15	2.00	2.2	8.2	30	38	31%
15	35	10.6	15	2.32	2.1	7.8	35	44	39%
20	46	14.1	15	2.67	2.0	7.5	40	50	43%
25	58	17.6	15	3.01	1.9	7.1	45	56	45%
30	69	21.1	15	3.35	1.8	6.7	50	63	46%
35	81	24.6	15	3.70	1.7	6.4	56	69	46%

24 Volt Battery

PSI	TDH Feet	TDH Meters	Pump Voltage	Pump Amps	U.S. GPM	LPM	Motor Watts	Panel Watts *	System Efficiency
0	0	0.0	25	1.40	3.6	13.7	35	44	0%
5	12	3.5	25	1.75	3.5	13.2	44	55	17%
10	23	7.0	25	2.16	3.4	12.9	54	68	27%
15	35	10.6	25	2.58	3.3	12.5	65	81	33%
20	46	14.1	25	2.93	3.2	12.1	73	92	38%
25	58	17.6	25	3.28	3.1	11.7	82	103	41%
30	69	21.1	25	3.65	3.0	11.4	91	114	43%
35	81	24.6	25	4.00	2.9	11.0	100	125	44%

34 Volt Panel Direct

PSI	TDH Feet	TDH Meters	Pump Voltage	Pump Amps	U.S. GPM	LPM	Motor Watts	Panel Watts *	System Efficiency
0	0	0.0	30	1.58	4.4	16.7	47	59	0%
5	12	3.5	30	1.96	4.3	16.3	59	74	16%
10	23	7.0	30	2.32	4.2	15.9	70	87	26%
15	35	10.6	30	2.70	4.1	15.5	81	101	33%
20	46	14.1	30	3.05	4.0	15.1	92	114	38%
25	58	17.6	30	3.39	3.9	14.8	102	127	42%
30	69	21.1	30	3.75	3.8	14.4	113	141	44%
35	81	24.6	30	4.11	3.7	14.0	123	154	46%

Note: The maximum output of the controller is 30 VDC.