

**SunPumps Brushless DC Submersible  
Model SCS 12-127-60 BL**

**60 Volt Panel Direct System**

**3/4 HP Brushless DC Motor**



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### **3/4 HP Brushless DC Motor**

PSI	TDH Feet	TDH Meters	Motor Voltage	Motor Amps	U.S. GPM	LPM	Motor Watts	Solar Array *Watts	Efficiency
0	0	0.0	30	4.7	11.7	44	140	175	0%
5	12	3.5	30	4.8	10.4	40	143	179	16%
10	23	7.0	30	4.7	8.9	34	141	177	27%
15	35	10.6	30	4.5	7.0	26	134	168	34%
20	46	14.1	30	3.9	4.3	16	118	148	32%
25	58	17.6	30	2.7	0.0	0	82	102	0%

PSI	TDH Feet	TDH Meters	Motor Voltage	Motor Amps	U.S. GPM	LPM	Motor Watts	Solar Array *Watts	Efficiency
0	0	0.0	45	8.3	17.3	65	371	464	0%
5	12	3.5	45	8.2	16.3	62	371	464	10%
10	23	7.0	45	8.2	15.4	58	369	462	18%
15	35	10.6	45	8.2	14.3	54	369	461	25%
20	46	14.1	45	8.1	13.1	50	366	457	31%
25	58	17.6	45	7.9	11.9	45	355	444	36%
30	69	21.1	45	7.7	10.6	40	347	434	40%
35	81	24.6	45	7.4	8.9	33	331	414	41%
40	92	28.2	45	6.4	6.5	25	286	357	40%
45	104	31.7	45	5.8	3.4	13	261	326	25%
50	116	35.2	45	4.5	0.0	0	200	250	0%

PSI	TDH Feet	TDH Meters	Motor Voltage	Motor Amps	U.S. GPM	LPM	Motor Watts	Solar Array *Watts	Efficiency
0	0	0.0	60	12.5	22.0	83	749	936	0%
5	12	3.5	60	12.5	21.3	81	749	937	6%
10	23	7.0	60	12.5	20.6	78	751	939	12%
15	35	10.6	60	12.5	19.9	75	751	938	17%
20	46	14.1	60	12.5	19.1	72	749	937	22%
25	58	17.6	60	12.5	18.3	69	748	935	27%
30	69	21.1	60	12.4	17.4	66	743	929	31%
35	81	24.6	60	12.3	16.5	62	739	923	34%
40	92	28.2	60	12.2	15.5	59	731	914	37%
45	104	31.7	60	12.1	14.5	55	723	904	39%
50	116	35.2	60	11.7	13.3	50	701	877	41%
55	127	38.7	60	11.4	12.0	45	681	851	42%
60	139	42.3	60	11.0	10.5	40	658	823	42%
65	150	45.8	60	10.5	8.8	33	627	784	40%
70	162	49.3	60	9.7	6.5	25	580	725	34%
75	173	52.8	60	8.6	3.6	14	514	642	23%
80	185	56.3	60	6.5	0.0	0	388	485	0%