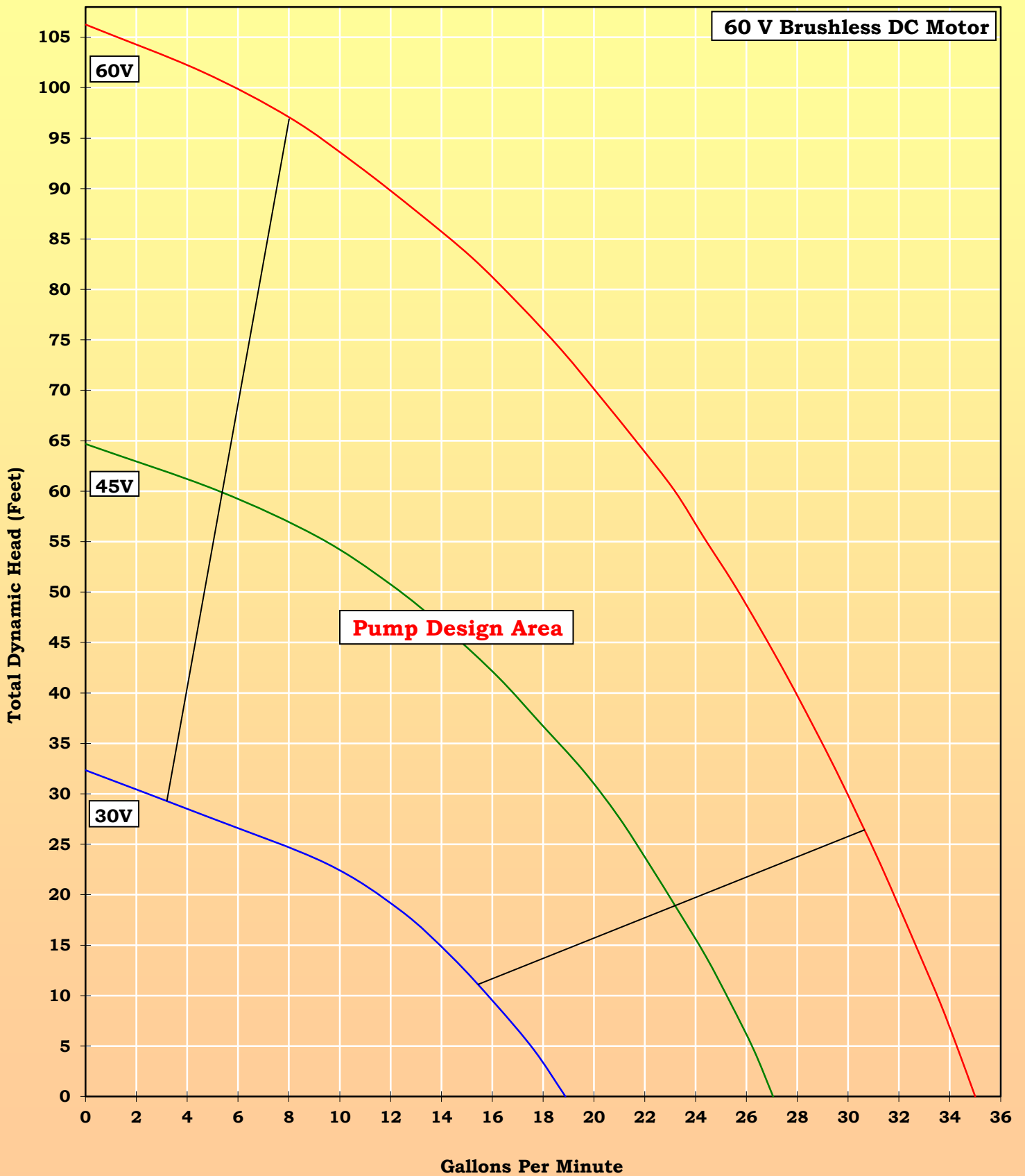


# SunPumps Brushless DC Submersible Model SCS 20-70-60 BL

60 Volt Panel Direct



# *SunPumps Brushless DC Submersible*

## Model SCS 20-70-60 BL

### 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	4.3	18.9	71.5	129	161	0%
2	5	1.4	30	4.3	17.6	66.8	129	161	12%
4	9	2.8	30	4.3	16.1	60.9	128	160	22%
6	14	4.2	30	4.2	14.4	54.5	125	156	30%
8	18	5.6	30	4.0	12.4	46.8	121	151	36%
10	23	7.0	30	3.8	9.5	35.8	113	141	37%
12	28	8.5	30	3.2	4.8	18.2	95	118	27%
14	32	9.9	30	2.7	0.0	0.0	80	99	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	7.4	27.1	102.4	334	417	0%
2	5	1.4	45	7.4	26.3	99.5	334	417	7%
4	9	2.8	45	7.4	25.4	96.1	334	417	13%
6	14	4.2	45	7.4	24.4	92.4	333	417	19%
8	18	5.6	45	7.4	23.3	88.2	332	415	24%
10	23	7.0	45	7.3	22.2	83.9	330	413	29%
12	28	8.5	45	7.2	21.0	79.4	326	407	34%
14	32	9.9	45	7.2	19.6	74.1	323	403	37%
16	37	11.3	45	7.0	17.9	67.8	314	393	40%
18	42	12.7	45	6.8	16.2	61.4	306	382	42%
20	46	14.1	45	6.5	14.3	53.9	294	367	42%
22	51	15.5	45	6.2	12.0	45.3	279	349	41%
24	55	16.9	45	5.7	9.2	34.7	257	322	37%
26	60	18.3	45	5.3	5.2	19.7	238	297	25%
28	65	19.7	45	4.3	0.0	0.0	195	244	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	11.2	35.0	132.5	673	841	0%
2	5	1.4	60	11.2	34.3	129.9	673	841	4%
4	9	2.8	60	11.2	33.6	127.3	673	841	9%
6	14	4.2	60	11.2	32.9	124.3	671	839	13%
8	18	5.6	60	11.2	32.1	121.3	671	839	17%
10	23	7.0	60	11.2	31.3	118.3	671	839	20%
12	28	8.5	60	11.2	30.4	115.1	671	839	24%
14	32	9.9	60	11.2	29.5	111.7	669	836	27%
16	37	11.3	60	11.1	28.6	108.2	665	831	30%
18	42	12.7	60	11.0	27.6	104.5	659	824	33%
20	46	14.1	60	10.9	26.6	100.6	654	818	35%
22	51	15.5	60	10.8	25.5	96.5	648	810	38%
24	55	16.9	60	10.7	24.3	92.1	639	799	40%
26	60	18.3	60	10.5	23.2	87.7	631	788	42%
28	65	19.7	60	10.3	21.8	82.3	617	772	43%
30	69	21.1	60	10.1	20.3	76.7	605	756	44%
32	74	22.5	60	9.8	18.8	71.0	587	734	44%
34	79	23.9	60	9.5	17.1	64.5	569	711	44%
36	83	25.4	60	9.2	15.2	57.5	550	687	43%
38	88	26.8	60	8.7	13.0	49.2	521	651	41%
40	92	28.2	60	8.3	10.7	40.3	496	620	37%
42	97	29.6	60	7.9	8.0	30.4	471	589	31%
44	102	31.0	60	7.3	4.5	17.2	435	544	20%
46	106	32.4	60	6.2	0.0	0.0	372	465	0%

\* Solar array watts using a 20% deration factor.