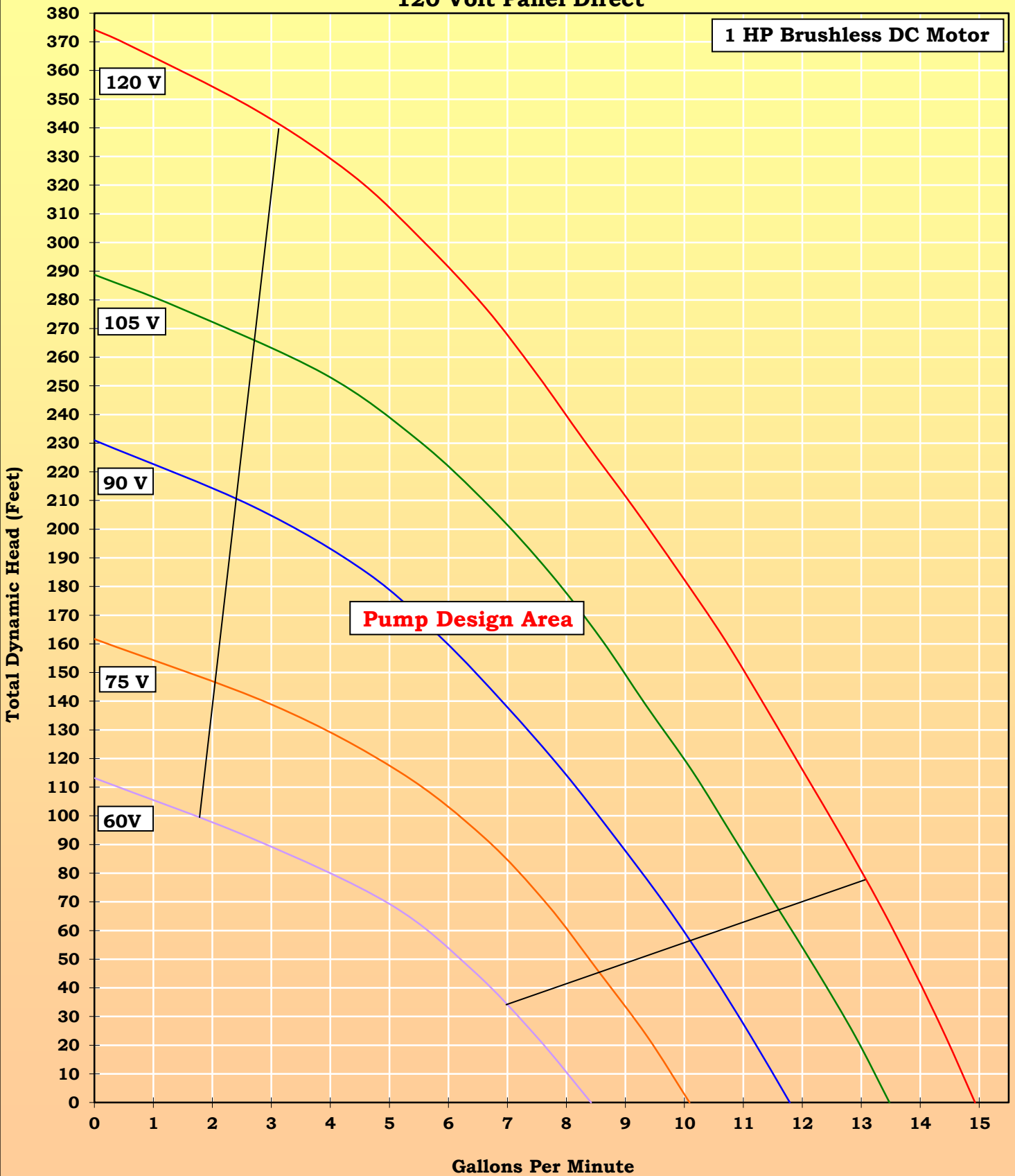


SunPumps Brushless DC Submersible Model SCS 7.5-250-120Y BL

120 Volt Panel Direct

1 HP Brushless DC Motor



SunPumps Brushless DC Submersible

Model SCS 7.5-250Y-120 BL

120 V 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	60	3.21	8.4	31.9	193	241	0%
10	23	7.0	60	3.29	7.5	28.3	197	247	17%
20	46	14.1	60	3.33	6.4	24.3	200	250	28%
30	69	21.1	60	3.32	5.0	18.9	199	249	33%
40	92	28.2	60	3.14	2.6	10.0	188	236	24%
49	113	34.5	60	2.66	0.0	0.0	160	200	0%

PSI	TDH Feet	TDH Meters	Motor Voltage	Motor Amps	U.S. GPM	LPM	Motor Watts	Solar Array *Watts	Efficiency
0	0	0.0	75	4.16	10.1	38.2	312	390	0%
10	23	7.0	75	4.32	9.4	35.5	324	405	13%
20	46	14.1	75	4.35	8.5	32.3	326	408	23%
30	69	21.1	75	4.37	7.7	29.0	328	410	31%
40	92	28.2	75	4.39	6.6	25.0	329	412	35%
50	116	35.2	75	4.32	5.2	19.5	324	405	35%
60	139	42.3	75	4.14	3.0	11.5	311	388	25%
70	162	49.3	75	3.83	0.0	0.0	287	359	0%

PSI	TDH Feet	TDH Meters	Motor Voltage	Motor Amps	U.S. GPM	LPM	Motor Watts	Solar Array *Watts	Efficiency
0	0	0.0	90	5.30	11.8	44.6	477	596	0%
10	23	7.0	90	5.40	11.1	42.1	486	608	10%
20	46	14.1	90	5.44	10.4	39.5	490	612	19%
30	69	21.1	90	5.50	9.7	36.6	495	619	26%
40	92	28.2	90	5.53	8.8	33.4	498	622	31%
50	116	35.2	90	5.57	8.0	30.1	501	627	35%
60	139	42.3	90	5.50	7.0	26.4	495	619	37%
70	162	49.3	90	5.41	5.9	22.3	487	609	37%
80	185	56.3	90	5.23	4.6	17.5	471	588	34%
90	208	63.4	90	4.89	2.7	10.2	440	550	24%
100	231	70.4	90	4.23	0.0	0.0	381	476	0%

PSI	TDH Feet	TDH Meters	Motor Voltage	Motor Amps	U.S. GPM	LPM	Motor Watts	Solar Array *Watts	Efficiency
0	0	0.0	105	6.59	13.5	51.0	692	865	0%
10	23	7.0	105	6.47	12.9	48.8	679	849	8%
20	46	14.1	105	6.55	12.2	46.3	688	860	15%
30	69	21.1	105	6.62	11.5	43.7	695	869	22%
40	92	28.2	105	6.65	10.8	41.0	698	873	27%
50	116	35.2	105	6.73	10.1	38.4	707	883	31%
60	139	42.3	105	6.78	9.4	35.4	712	890	34%
70	162	49.3	105	6.75	8.6	32.5	709	886	37%
80	185	56.3	105	6.61	7.7	29.2	694	868	39%
90	208	63.4	105	6.53	6.7	25.4	686	857	38%
100	231	70.4	105	6.35	5.5	20.8	667	833	36%
110	254	77.5	105	6.12	3.9	14.8	643	803	29%
120	277	84.5	105	5.81	1.4	5.5	610	763	12%
125	289	88.0	105	5.23	0.0	0.0	549	686	0%

PSI	TDH Feet	TDH Meters	Motor Voltage	Motor Amps	U.S. GPM	LPM	Motor Watts	Solar Array *Watts	Efficiency
0	0	0.0	120	7.59	14.9	56.5	911	1139	0%
10	23	7.0	120	7.67	14.4	54.6	920	1151	7%
20	46	14.1	120	7.74	13.9	52.6	929	1161	13%
30	69	21.1	120	7.81	13.3	50.4	937	1172	19%
40	92	28.2	120	7.89	12.7	48.0	947	1184	23%
50	116	35.2	120	7.93	12.0	45.5	952	1190	27%
60	139	42.3	120	7.99	11.4	43.0	959	1199	31%
70	162	49.3	120	8.02	10.7	40.4	962	1203	34%
80	185	56.3	120	8.02	9.9	37.5	962	1203	36%
90	208	63.4	120	7.95	9.1	34.6	954	1193	37%
100	231	70.4	120	7.89	8.3	31.4	947	1184	38%
110	254	77.5	120	7.76	7.5	28.4	931	1164	39%
120	277	84.5	120	7.59	6.6	25.1	911	1139	38%
130	300	91.6	120	7.36	5.6	21.1	883	1104	36%
140	323	98.6	120	7.12	4.4	16.6	854	1068	31%
150	347	105.6	120	6.74	2.7	10.3	809	1011	22%
160	370	112.7	120	6.35	0.5	1.9	762	953	5%
162	374	114.1	120	5.81	0.0	0.0	697	872	0%

* Solar Array watts using a 20% deration factor.