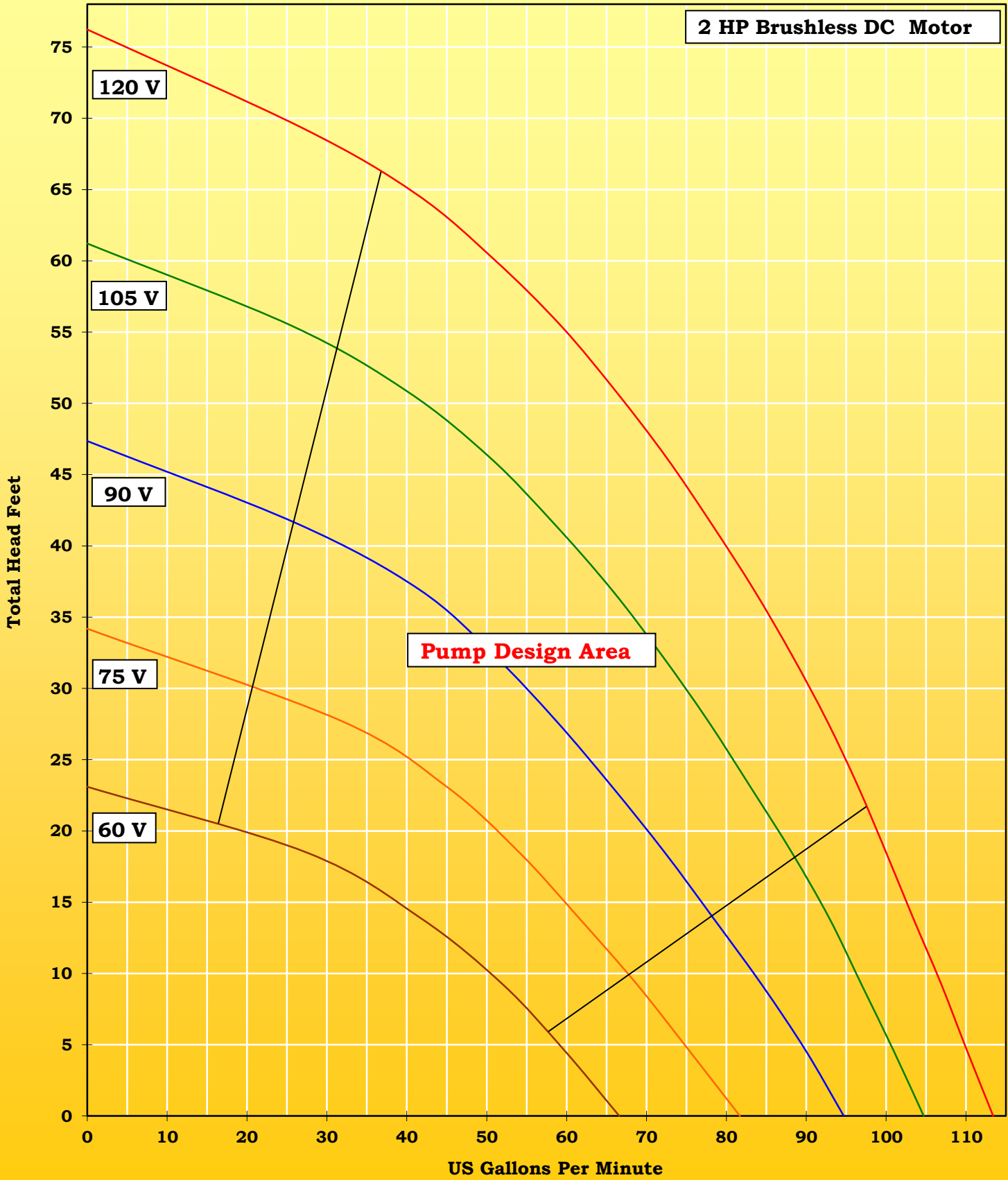


# SunPumps Centrifugal Pool Pumps Model SCP 67-50-120 BC



## SunPumps Centrifugal Pool Pumps MODEL SCP 67-50-120 BC

PSI	TDH Feet	TDH Meters	Motor Voltage	Motor Amps	U.S. GPM	LPM	Motor Watts	Solar Array Watts*	System Efficiency
0	0	0.0	60	3.3	66.6	252	197	246	0%
2	5	1.4	60	3.4	59.7	226	205	256	25%
4	9	2.8	60	3.6	52.0	197	216	270	42%
6	14	4.2	60	3.7	41.8	158	220	275	50%
8	18	5.6	60	3.5	27.5	104	211	264	45%
10	23	7.0	60	2.4	0.0	0	146	183	0%

Suggested solar module array:

PSI	TDH Feet	TDH Meters	Motor Voltage	Motor Amps	U.S. GPM	LPM	Motor Watts	Solar Array Watts*	System Efficiency
0	0	0.0	75	4.5	81.7	309	336	420	0%
2	5	1.4	75	4.7	75.3	285	350	438	19%
4	9	2.8	75	4.9	68.8	260	367	458	33%
6	14	4.2	75	5.1	61.6	233	382	477	42%
8	18	5.6	75	5.2	54.1	205	388	485	49%
10	23	7.0	75	5.1	45.0	170	384	480	51%
12	28	8.5	75	4.8	31.8	120	363	454	46%
15	34	10.4	75	3.3	0.0	0	251	313	0%

Suggested solar module array:

PSI	TDH Feet	TDH Meters	Motor Voltage	Motor Amps	U.S. GPM	LPM	Motor Watts	Solar Array Watts*	System Efficiency
0	0	0.0	90	6.1	94.7	358	551	689	0%
2	5	1.4	90	6.3	89.9	340	567	709	14%
4	9	2.8	90	6.5	84.4	319	581	727	25%
6	14	4.2	90	6.6	78.4	297	595	744	34%
8	18	5.6	90	6.8	72.3	274	609	762	41%
10	23	7.0	90	6.9	65.7	249	617	771	46%
12	28	8.5	90	6.9	58.7	222	617	772	50%
14	32	9.9	90	6.8	50.9	193	610	763	51%
16	37	11.3	90	6.5	41.5	157	589	736	49%
18	42	12.7	90	6.1	26.2	99	545	681	38%
20.5	47	14.4	90	4.5	0.0	0	401	502	0%

Suggested solar module array:

PSI	TDH Feet	TDH Meters	Motor Voltage	Motor Amps	U.S. GPM	LPM	Motor Watts	Solar Array Watts*	System Efficiency
0	0	0.0	105	7.8	104.7	396	817	1021	0%
2	5	1.4	105	8.1	100.9	382	845	1057	10%
4	9	2.8	105	8.3	96.9	367	872	1089	19%
6	14	4.2	105	8.4	92.9	352	880	1100	28%
8	18	5.6	105	8.4	88.2	334	886	1108	35%
10	23	7.0	105	8.6	83.0	314	898	1122	40%
12	28	8.5	105	8.7	77.7	294	908	1135	45%
14	32	9.9	105	8.7	71.9	272	912	1141	48%
16	37	11.3	105	8.7	65.6	248	909	1137	50%
18	42	12.7	105	8.6	58.4	221	903	1129	51%
20	46	14.1	105	8.4	50.4	191	883	1104	50%
22	51	15.5	105	8.1	40.1	152	849	1062	45%
24	55	16.9	105	7.4	25.6	97	777	971	34%
26.5	61	18.7	105	5.6	0.0	0	591	739	0%

Suggested solar module array:

PSI	TDH Feet	TDH Meters	Motor Voltage	Motor Amps	U.S. GPM	LPM	Motor Watts	Solar Array Watts*	System Efficiency
0	0	0.0	120	9.2	113.4	429	1106	1383	0%
2	5	1.4	120	9.4	110.1	417	1132	1415	8%
4	9	2.8	120	9.9	106.9	405	1186	1482	16%
6	14	4.2	120	10.2	103.4	391	1220	1526	22%
8	18	5.6	120	10.4	100.0	379	1244	1556	28%
10	23	7.0	120	10.4	96.5	365	1249	1562	34%
12	28	8.5	120	10.4	92.6	350	1249	1562	39%
14	32	9.9	120	10.5	88.2	334	1254	1568	43%
16	37	11.3	120	10.5	83.4	316	1260	1575	46%
18	42	12.7	120	10.5	78.1	296	1265	1581	48%
20	46	14.1	120	10.5	72.5	274	1256	1571	50%
22	51	15.5	120	10.4	66.2	251	1253	1566	51%
24	55	16.9	120	10.3	59.3	224	1237	1547	50%
26	60	18.3	120	10.0	51.0	193	1199	1499	48%
28	65	19.7	120	9.6	41.2	156	1151	1439	44%
30	69	21.1	120	8.9	27.0	102	1063	1329	33%
33	76	23.2	120	6.7	0.0	0	809	1011	0%

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