

SQ Flex Sizing Table - El Paso, Texas												
Solar Tech, SPM-125P, 125 Watt Panels, 3600 RPM Pumps												
Head (ft)	100	200	300	400	500	600	700	800	Number of Panels	Power (Pmax) (watts)	Maximum Open Circuit Voltage (Voc) 41.2 Volts/Panel	Number of Panels in Series
GPD	3049	1641	1231	816	671	499			2	250	82	2
GPM	7.5	4.1	3.1	2.0	1.7	1.4						
Model	11SQF-2	6SQF-2	6SQF-3	3SQF-3	3SQF-3	3SQF-3						
Cable	14	14	12	10	10	8						
GPD	4885	2452	2026	1495	1065	917	285		3	375	123	3
GPM	11.7	5.5	4.8	3.8	2.6	2.4	0.9					
Model	11SQF-2	6SQF-2	6SQF-3	6SQF-3	3SQF-3	3SQF-3	3SQF-3					
Cable	14	14	12	12	12	10	10					
GPD	5968	3556	2679	2121	1619	1176	642	333	4	500	168	4
GPM	12.5	9.0	5.9	5.2	4.3	2.7	1.9	1.1				
Model	11SQF-2	11SQF-2	6SQF-3	6SQF-3	6SQF-3	3SQF-3	6SQF-3	6SQF-3				
Cable	14	14	14	14	14	12	10	10				
GPD	8940	5202	3141	2763	2354	1899	1448	988	6	750	246	6
GPM	22.7	12.0	5.9	5.7	5.5	5.0	4.1	3.0				
Model	25SQF-7	11SQF-2	6SQF-3	6SQF-3	6SQF-3	6SQF-3	6SQF-3	6SQF-3				
Cable	14	14	14	14	14	14	12	12				
GPD	13980	7307	3606	3384	3072	2721	2383	2053	12	1500	246	6
GPM	27.7	14.5	5.9	5.7	5.5	5.2	4.9	4.6				
Model	25SQF-7	6SQF-3	6SQF-3	6SQF-3	6SQF-3	6SQF-3	6SQF-3	6SQF-3				
Cable	14	14	14	12	12	10	10	10				

This chart can be used to select an SQ Flex Solar pumping system for El Paso, Texas and will approximate the performance for the SQ Flex systems through out our sales territory. The chart is based on the maximum daily flow rate. For specific computerized system sizing, please call our office. Using the Grundfos Win Caps computer aided sizing program we can custom size the pumping system that best fits your needs.

The cable sizing allows for a 5% voltage drop.