

Southern Africa - SQFlex Sizing Table, Performance [m<sup>3</sup>/day], January

Zone	Solar radiation	Total Head [m]												No. of GF 43	Power [Wp]	
		5	10	20	30	40	50	60	70	80	90	100	110			120
ZONE E tilt angle 15°	3.8 kWh/m <sup>2</sup> day	7.4	5.7	3.3	1.5	1.2	1.1	0.9	0.7	0.5	0.3	0.2	0.1		4	172
		SQF 5A-3	SQF 2.5-2			SQF 0.6-2										
		24.6	12.9	9.3	5.1	3.5	2.9	2.6	2.3	2.1	1.8	1.6	1.3	1.0	8	344
		SQF 8A-3	SQF 2.5-2			SQF 1.2-2	SQF 0.6-2									
		42.0	18.7	14.3	9.2	6.2	5.0	4.2	3.7	3.4	3.1	2.8	2.4	2.1	12	516
		SQF 8A-3	SQF 5A-3	SQF 2.5-2			SQF 1.2-2		SQF 0.6-2							
		57.2	28.1	18.4	13.1	9.4	6.9	6.0	5.1	4.3	4.0	3.7	3.4	3.1	16	688
		SQF 14A-3	SQF 5A-3	SQF 2.5-2			SQF 1.2-2				SQF 0.6-2					
		70.9	35.8	20.5	16.5	12.4	9.6	7.6	6.7	5.9	5.0	4.3	4.0	3.7	20	860
		SQF 14A-3	SQF 5A-3	SQF 2.5-2				SQF 1.2-2					SQF 0.6-2			
ZONE E tilt angle 30°	3.8 kWh/m <sup>2</sup> day	6.7	5.3	3.0	1.4	1.1	1.0	0.8	0.6	0.4	0.3	0.1		4	172	
		SQF 2.5-2			SQF 0.6-2											
		23.0	12.6	8.9	4.7	3.3	2.8	2.5	2.2	2.0	1.7	1.4	1.1	0.9	8	344
		SQF 5A-3	SQF 2.5-2			SQF 1.2-2	SQF 0.6-2									
		40.1	18.0	13.9	8.7	5.7	4.7	4.0	3.6	3.3	2.9	2.6	2.3	2.0	12	516
		SQF 8A-3	SQF 2.5-2				SQF 1.2-2	SQF 0.6-2								
		55.1	26.6	18.1	12.6	8.8	6.7	5.7	4.8	4.2	4.0	3.7	3.3	2.9	16	688
		SQF 8A-3	SQF 5A-3	SQF 2.5-2			SQF 1.2-2			SQF 0.6-2						
		69.5	34.8	20.7	16.1	11.9	9.0	7.5	6.5	5.5	4.7	4.3	4.0	3.7	20	860
		SQF 14A-3	SQF 5A-3	SQF 2.5-2				SQF 1.2-2				SQF 0.6-2				
ZONE E tilt angle 45°	3.8 kWh/m <sup>2</sup> day	6.5	5.1	2.9	1.3	1.1	0.9	0.8	0.5	0.4	0.2	0.1		4	172	
		SQF 2.5-2			SQF 0.6-2											
		22.4	12.5	8.7	4.5	3.1	2.7	2.5	2.1	1.9	1.6	1.4	1.1	0.8	8	344
		SQF 5A-3	SQF 2.5-2			SQF 1.2-2	SQF 0.6-2									
		39.6	18.0	13.8	8.6	5.5	4.6	4.0	3.6	3.2	2.9	2.6	2.2	1.9	12	516
		SQF 8A-3	SQF 2.5-2			SQF 1.2-2		SQF 0.6-2								
		54.7	25.8	18.1	12.4	8.6	6.6	5.6	4.7	4.3	4.0	3.7	3.2	2.8	16	688
		SQF 8A-3	SQF 5A-3	SQF 2.5-2			SQF 1.2-2			SQF 0.6-2						
		69.2	34.4	21.2	15.9	11.7	8.7	7.5	6.4	5.4	4.5	4.3	4.0	3.7	20	860
		SQF 14A-3	SQF 5A-3	SQF 2.5-2				SQF 1.2-2			SQF 0.6-2					

Zone	Solar radiation	Total Head [m]												No. of GF 43	Power [Wp]	
		5	10	20	30	40	50	60	70	80	90	100	110			120
ZONE F	tilt angle 15°	10.4	7.0	4.4	1.9	1.6	1.4	1.2	1.0	0.8	0.6	0.4	0.2	0.1	4	172
		SQF 5A-3	SQF 2.5-2		SQF 0.6-2											
		31.0	14.9	11.0	6.5	4.3	3.5	3.1	2.8	2.5	2.3	2.0	1.6	1.4	8	344
		SQF 8A-3	SQF 2.5-2			SQF 1.2-2		SQF 0.6-2								
		49.2	23.6	16.5	11.2	7.8	6.0	5.1	4.3	3.9	3.6	3.4	3.0	2.6	12	516
		SQF 8A-3	SQF 5A-3	SQF 2.5-2			SQF 1.2-2		SQF 0.6-2							
		66.7	33.4	19.9	15.4	11.3	8.7	7.2	6.2	5.4	4.5	4.1	3.8	3.5	16	688
		SQF 14A-3	SQF 5A-3	SQF 2.5-2				SQF 1.2-2			SQF 0.6-2					
81.2	41.4	21.7	18.2	14.7	11.7	9.2	7.6	6.9	6.1	5.4	4.6	4.0	20	860		
SQF 14A-3		SQF 2.5-2					SQF 1.2-2					SQF 0.6-2				
ZONE F	tilt angle 30°	9.4	6.7	4.1	1.8	1.5	1.3	1.1	0.9	0.7	0.5	0.3	0.1	4	172	
		SQF 5A-3	SQF 2.5-2		SQF 0.6-2											
		29.2	14.6	10.7	6.1	4.1	3.3	3.0	2.7	2.4	2.1	1.9	1.5	1.2	8	344
		SQF 8A-3	SQF 2.5-2			SQF 1.2-2	SQF 0.6-2									
		48.0	22.2	16.1	10.7	7.3	5.7	4.9	4.1	3.8	3.5	3.2	2.8	2.5	12	516
		SQF 8A-3	SQF 5A-3	SQF 2.5-2			SQF 1.2-2		SQF 0.6-2							
		64.3	32.0	19.9	14.9	10.9	8.2	7.0	5.9	5.1	4.3	4.1	3.8	3.5	16	688
		SQF 14A-3	SQF 5A-3	SQF 2.5-2				SQF 1.2-2			SQF 0.6-2					
80.1	40.8	21.9	18.1	14.3	11.1	8.6	7.6	6.7	5.8	5.1	4.3	4.1	20	860		
SQF 14A-3	SQF 5A-3	SQF 2.5-2					SQF 1.2-2				SQF 0.6-2					
ZONE F	tilt angle 45°	9.0	6.5	4.0	1.8	1.5	1.3	1.1	0.9	0.7	0.4	0.3	0.1	4	172	
		SQF 5A-3	SQF 2.5-2		SQF 0.6-2											
		28.6	14.5	10.6	6.0	4.0	3.3	3.0	2.6	2.4	2.1	1.8	1.5	1.2	8	344
		SQF 8A-3	SQF 2.5-2			SQF 1.2-2	SQF 0.6-2									
		48.0	21.8	16.1	10.7	7.2	5.7	4.8	4.1	3.9	3.5	3.2	2.8	2.4	12	516
		SQF 8A-3	SQF 5A-3	SQF 2.5-2			SQF 1.2-2		SQF 0.6-2							
		64.5	31.9	20.2	14.9	10.8	8.0	6.9	5.8	5.0	4.4	4.2	3.8	3.5	16	688
		SQF 14A-3	SQF 5A-3	SQF 2.5-2				SQF 1.2-2			SQF 0.6-2					
80.6	40.9	22.5	18.2	14.2	10.9	8.5	7.6	6.7	5.7	5.0	4.4	4.1	20	860		
SQF 14A-3	SQF 5A-3	SQF 2.5-2					SQF 1.2-2					SQF 0.6-2				

Southern Africa - SQFlex Sizing Table, Performance [m<sup>3</sup>/day], January

Zone	Solar radiation	Total Head [m]												No. of GF 43	Power [Wp]	
		5	10	20	30	40	50	60	70	80	90	100	110			120
ZONE G	tilt angle 15°	12.7	8.1	5.3	2.2	1.9	1.7	1.5	1.2	1.0	0.8	0.6	0.4	0.2	4	172
		SQF 5A-3	SQF 2.5-2		SQF 0.6-2											
		35.8	16.4	12.4	7.7	5.0	4.2	3.5	3.2	2.9	2.6	2.3	2.0	1.7	8	344
		SQF 8A-3	SQF 2.5-2			SQF 1.2-2		SQF 0.6-2								
		55.8	27.3	18.1	12.7	9.1	6.7	5.9	5.0	4.2	3.9	3.6	3.3	3.0	12	516
		SQF 14A-3	SQF 5A-3	SQF 2.5-2			SQF 1.2-2			SQF 0.6-2						
		73.3	37.3	20.7	16.9	13.0	10.2	7.8	7.0	6.2	5.3	4.6	4.0	3.8	16	688
		SQF 14A-3	SQF 5A-3	SQF 2.5-2				SQF 1.2-2				SQF 0.6-2				
		88.6	49.4	24.6	19.1	16.1	13.3	10.7	8.1	7.5	6.8	6.2	5.4	4.6	20	860
SQF 14A-3	SQF 14A-3	SQF 5A-6	SQF 2.5-2				SQF 1.2-2									
ZONE G	tilt angle 30°	11.7	7.7	5.0	2.1	1.8	1.6	1.4	1.1	0.9	0.7	0.5	0.3	0.1	4	172
		SQF 5A-3	SQF 2.5-2		SQF 0.6-2											
		34.0	16.0	12.1	7.2	4.7	3.9	3.4	3.1	2.8	2.5	2.2	1.9	1.6	8	344
		SQF 8A-3	SQF 2.5-2			SQF 1.2-2		SQF 0.6-2								
		53.7	26.0	17.8	12.3	8.6	6.5	5.6	4.7	4.1	3.9	3.6	3.2	2.9	12	516
		SQF 8A-3	SQF 5A-3	SQF 2.5-2			SQF 1.2-2			SQF 0.6-2						
		72.1	36.3	20.8	16.7	12.5	9.6	7.7	6.8	5.9	5.0	4.3	4.1	3.8	16	688
		SQF 14A-3	SQF 5A-3	SQF 2.5-2				SQF 1.2-2				SQF 0.6-2				
		87.7	46.6	23.2	19.1	15.9	12.8	10.1	8.2	7.4	6.6	5.9	5.1	4.3	20	860
SQF 14A-3		SQF 5A-6	SQF 2.5-2				SQF 1.2-2									
ZONE G	tilt angle 45°	11.6	7.7	4.9	2.1	1.8	1.6	1.4	1.1	0.9	0.7	0.5	0.3	0.1	4	172
		SQF 5A-3	SQF 2.5-2		SQF 0.6-2											
		33.8	16.1	12.1	7.2	4.7	3.9	3.5	3.1	2.7	2.5	2.2	1.9	1.5	8	344
		SQF 8A-3	SQF 2.5-2			SQF 1.2-2		SQF 0.6-2								
		54.1	25.8	17.8	12.3	8.5	6.5	5.5	4.7	4.2	3.9	3.7	3.2	2.8	12	516
		SQF 8A-3	SQF 5A-3	SQF 2.5-2			SQF 1.2-2			SQF 0.6-2						
		72.8	36.6	21.3	16.8	12.5	9.5	7.8	6.8	5.8	5.0	4.4	4.1	3.8	16	688
		SQF 14A-3	SQF 5A-3	SQF 2.5-2				SQF 1.2-2				SQF 0.6-2				
		88.6	46.2	23.2	19.4	16.1	12.8	10.1	8.3	7.5	6.6	5.9	5.0	4.4	20	860
SQF 14A-3		SQF 2.5-2				SQF 1.2-2					SQF 0.6-2					

Zone	Solar radiation	Total Head [m]												No. of GF 43	Power [Wp]	
		5	10	20	30	40	50	60	70	80	90	100	110			120
ZONE H	tilt angle 15°	15.8	9.3	6.3	2.8	2.2	2.0	1.8	1.5	1.3	1.1	0.9	0.6	0.4	4	172
		SQF 5A-3	SQF 2.5-2				SQF 0.6-2									
		41.0	18.0	14.0	9.0	5.9	4.8	4.0	3.6	3.3	3.0	2.7	2.4	2.0	8	344
		SQF 8A-3	SQF 5A-3	SQF 2.5-2			SQF 1.2-2		SQF 0.6-2							
		63.0	31.3	19.3	14.5	10.6	8.0	6.7	5.8	5.0	4.1	3.9	3.6	3.4	12	516
		SQF 14A-3	SQF 5A-3	SQF 2.5-2				SQF 1.2-2			SQF 0.6-2					
		81.2	41.8	21.7	18.2	14.8	11.8	9.3	7.6	6.9	6.2	5.4	4.6	4.0	16	688
		SQF 14A-3		SQF 2.5-2					SQF 1.2-2					SQF 0.6-2		
		96.5	57.8	28.6	20.0	17.3	14.8	12.4	9.5	8.0	7.3	6.8	6.2	5.5	20	860
		SQF 14A-3		SQF 5A-6	SQF 2.5-2					SQF 1.2-2						
ZONE H	tilt angle 30°	14.8	8.9	5.9	2.5	2.1	1.9	1.7	1.4	1.2	1.0	0.8	0.5	0.3	4	172
		SQF 5A-3	SQF 2.5-2				SQF 0.6-2									
		39.3	17.7	13.6	8.5	5.5	4.6	3.9	3.5	3.2	2.9	2.6	2.2	1.9	8	344
		SQF 8A-3	SQF 2.5-2					SQF 1.2-2	SQF 0.6-2							
		60.9	30.0	19.2	14.1	10.1	7.5	6.5	5.5	4.7	4.2	4.0	3.6	3.3	12	516
		SQF 14A-3	SQF 5A-3	SQF 2.5-2				SQF 1.2-2			SQF 0.6-2					
		80.2	40.9	21.7	18.1	14.3	11.2	8.8	7.6	6.8	5.9	5.1	4.3	4.0	16	688
		SQF 14A-3	SQF 5A-3	SQF 2.5-2					SQF 1.2-2					SQF 0.6-2		
		95.7	55.3	27.2	20.1	17.3	14.6	11.9	9.0	8.0	7.3	6.6	6.0	5.2	20	860
		SQF 14A-3		SQF 5A-6	SQF 2.5-2					SQF 1.2-2						
ZONE H	tilt angle 45°	14.8	9.0	5.9	2.5	2.1	1.9	1.7	1.4	1.2	0.9	0.8	0.5	0.3	4	172
		SQF 5A-3	SQF 2.5-2				SQF 0.6-2									
		39.4	17.8	13.7	8.6	5.5	4.6	3.9	3.5	3.2	2.9	2.6	2.2	1.9	8	344
		SQF 8A-3	SQF 2.5-2					SQF 1.2-2	SQF 0.6-2							
		61.1	30.1	19.4	14.2	10.2	7.5	6.5	5.5	4.7	4.2	4.0	3.7	3.3	12	516
		SQF 14A-3	SQF 5A-3	SQF 2.5-2			SQF 1.2-2				SQF 0.6-2					
		81.4	41.4	22.2	18.3	14.5	11.2	8.8	7.7	6.9	5.9	5.1	4.4	4.1	16	688
		SQF 14A-3	SQF 5A-3	SQF 2.5-2					SQF 1.2-2				SQF 0.6-2			
		97.0	55.4	27.3	20.4	17.5	14.8	11.9	9.0	8.2	7.4	6.7	6.0	5.3	20	860
		SQF 14A-3		SQF 5A-6	SQF 2.5-2					SQF 1.2-2						

Southern Africa - SQFlex Sizing Table, Performance [m<sup>3</sup>/day], January

Zone	Solar radiation	Total Head [m]												No. of GF 43	Power [Wp]	
		5	10	20	30	40	50	60	70	80	90	100	110			120
ZONE I	tilt angle 15°	18.5	10.4	7.1	3.4	2.5	2.3	2.0	1.8	1.5	1.3	1.1	0.8	0.5	4	172
		SQF 5A-3	SQF 2.5-2			SQF 0.6-2										
		45.6	21.2	15.4	10.2	7.0	5.5	4.7	3.9	3.6	3.4	3.1	2.7	2.4	8	344
		SQF 8A-3	SQF 5A-3	SQF 2.5-2			SQF 1.2-2		SQF 0.6-2							
		69.3	34.9	20.1	16.0	11.9	9.3	7.4	6.6	5.7	4.8	4.2	3.9	3.6	12	516
		SQF 14A-3	SQF 5A-3	SQF 2.5-2				SQF 1.2-2			SQF 0.6-2					
		88.0	49.1	24.4	19.0	16.0	13.2	10.7	8.1	7.4	6.8	6.2	5.4	4.6	16	688
		SQF 14A-3		SQF 5A-6	SQF 2.5-2				SQF 1.2-2							
		104	65.1	32.1	20.7	18.1	16.0	13.8	11.0	8.6	7.7	7.2	6.7	6.1	20	860
SQF 14A-3		SQF 5A-6	SQF 2.5-2					SQF 1.2-2								
ZONE I	tilt angle 30°	17.6	10.1	6.8	3.2	2.4	2.2	2.0	1.7	1.4	1.2	1.0	0.7	0.5	4	172
		SQF 5A-3	SQF 2.5-2			SQF 0.6-2										
		44.1	20.1	15.0	9.8	6.6	5.3	4.5	3.9	3.6	3.2	3.0	2.6	2.3	8	344
		SQF 8A-3	SQF 5A-3	SQF 2.5-2			SQF 1.2-2		SQF 0.6-2							
		67.4	33.7	20.2	15.7	11.5	8.8	7.3	6.3	5.4	4.5	4.2	3.9	3.6	12	516
		SQF 14A-3	SQF 5A-3	SQF 2.5-2				SQF 1.2-2			SQF 0.6-2					
		87.2	46.7	23.3	19.0	15.9	12.7	10.2	8.1	7.4	6.6	5.9	5.1	4.3	16	688
		SQF 14A-3		SQF 5A-6	SQF 2.5-2				SQF 1.2-2							
		103	62.8	30.9	20.8	18.1	15.9	13.4	10.5	8.5	7.7	7.1	6.6	6.0	20	860
SQF 14A-3		SQF 5A-6	SQF 2.5-2					SQF 1.2-2								
ZONE I	tilt angle 45°	17.7	10.2	6.8	3.2	2.4	2.2	2.0	1.7	1.4	1.2	1.0	0.7	0.5	4	172
		SQF 5A-3	SQF 2.5-2			SQF 0.6-2										
		44.9	20.3	15.2	9.9	6.7	5.3	4.5	3.9	3.6	3.3	3.0	2.6	2.3	8	344
		SQF 8A-3	SQF 5A-3	SQF 2.5-2			SQF 1.2-2		SQF 0.6-2							
		68.5	34.3	20.5	15.9	11.7	8.9	7.4	6.3	5.5	4.6	4.3	4.0	3.6	12	516
		SQF 14A-3	SQF 5A-3	SQF 2.5-2				SQF 1.2-2			SQF 0.6-2					
		88.7	47.2	23.5	19.3	16.1	12.9	10.3	8.3	7.5	6.7	6.0	5.2	4.4	16	688
		SQF 14A-3		SQF 5A-6	SQF 2.5-2				SQF 1.2-2							
		104	63.4	31.3	21.1	18.4	16.1	13.6	10.6	8.6	7.9	7.3	6.7	6.1	20	860
SQF 14A-3		SQF 5A-6	SQF 2.5-2					SQF 1.2-2								

Zone	Solar radiation	Total Head [m]												No. of GF 43	Power [Wp]	
		5	10	20	30	40	50	60	70	80	90	100	110			120
ZONE J tilt angle 15°	6.7 kWh/m <sup>2</sup> day	20.9	11.4	8.0	4.1	2.9	2.5	2.3	2.0	1.7	1.5	1.3	1.0	0.7	4	172
		SQF 5A-3	SQF 2.5-2			SQF 1.2-2	SQF 0.6-2									
		49.6	24.1	16.6	11.3	8.0	6.1	5.2	4.4	3.9	3.6	3.4	3.0	2.7	8	344
		SQF 14A-3	SQF 5A-3	SQF 2.5-2			SQF 1.2-2			SQF 0.6-2						
		74.6	38.0	20.8	17.1	13.2	10.4	8.0	7.1	6.3	5.4	4.7	4.1	3.8	12	516
		SQF 14A-3	SQF 5A-3	SQF 2.5-2				SQF 1.2-2				SQF 0.6-2				
		94.0	55.5	27.5	19.7	17.0	14.4	11.9	9.1	7.8	7.2	6.6	6.0	5.3	16	688
		SQF 14A-3		SQF 5A-6	SQF 2.5-2					SQF 1.2-2						
		110	71.4	35.4	21.1	18.8	16.7	14.7	12.4	9.9	8.1	7.5	7.1	6.6	20	860
		SQF 14A-3		SQF 5A-6	SQF 2.5-2					SQF 1.2-2						
ZONE J tilt angle 30°	6.7 kWh/m <sup>2</sup> day	20.1	11.1	7.7	3.9	2.7	2.4	2.2	1.9	1.7	1.4	1.2	0.9	0.7	4	172
		SQF 5A-3	SQF 2.5-2			SQF 1.2-2	SQF 0.6-2	SQF 0.6-2	SQF 0.6-2	SQF 0.6-2	SQF 0.6-2	SQF 0.6-2	SQF 0.6-2	SQF 0.6-2		
		48.7	23.1	16.3	11.0	7.6	5.8	5.0	4.2	3.9	3.6	3.3	2.9	2.5	8	344
		SQF 8A-3	SQF 5A-3	SQF 2.5-2			SQF 1.2-2			SQF 0.6-2						
		73.4	37.2	20.9	17.0	12.9	10.0	7.8	7.0	6.1	5.2	4.5	4.1	3.8	12	516
		SQF 14A-3	SQF 5A-3	SQF 2.5-2				SQF 1.2-2				SQF 0.6-2				
		93.3	53.4	26.4	19.8	16.9	14.2	11.5	8.6	7.8	7.1	6.5	5.8	5.0	16	688
		SQF 14A-3		SQF 5A-6	SQF 2.5-2					SQF 1.2-2						
		109	69.4	34.4	21.3	18.9	16.8	14.4	11.9	9.4	8.1	7.5	7.0	6.5	20	860
		SQF 14A-3		SQF 5A-6	SQF 2.5-2					SQF 1.2-2						
ZONE J tilt angle 45°	6.7 kWh/m <sup>2</sup> day	20.4	11.4	7.8	3.9	2.8	2.5	2.2	1.9	1.7	1.4	1.2	0.9	0.7	4	172
		SQF 5A-3	SQF 2.5-2			SQF 1.2-2	SQF 0.6-2									
		49.8	23.4	16.6	11.2	7.7	5.9	5.1	4.2	3.9	3.7	3.4	2.9	2.6	8	344
		SQF 8A-3	SQF 5A-3	SQF 2.5-2			SQF 1.2-2			SQF 0.6-2						
		75.2	38.0	21.2	17.3	13.1	10.2	8.0	7.1	6.2	5.3	4.6	4.2	3.9	12	516
		SQF 14A-3	SQF 5A-3	SQF 2.5-2				SQF 1.2-2				SQF 0.6-2				
		95.1	54.3	26.7	20.1	17.2	14.5	11.6	8.7	8.0	7.2	6.6	5.9	5.1	16	688
		SQF 14A-3 S		SQF 5A-6	SQF 2.5-2					SQF 1.2-2						
		111	70.3	35.1	21.6	19.2	17.1	14.8	12.1	9.6	8.3	7.7	7.1	6.6	20	860
		SQF 14A-3		SQF 5A-6	SQF 2.5-2					SQF 1.2-2						

Southern Africa - SQFlex Sizing Table, Performance [m<sup>3</sup>/day], January

Zone	Solar radiation	Total Head [m]												No. of GF 43	Power [Wp]	
		5	10	20	30	40	50	60	70	80	90	100	110			120
ZONE K	tilt angle 15°	23.0	12.3	8.7	4.7	3.3	2.8	2.5	2.2	2.0	1.7	1.4	1.2	0.9	4	172
		SQF 5A-3	SQF 2.5-2			SQF 1.2-2	SQF 0.6-2									
		54.5	26.6	17.8	12.4	8.8	6.6	5.7	4.8	4.1	3.8	3.6	3.3	2.9	8	344
		SQF 14A-3	SQF 5A-3	SQF 2.5-2			SQF 1.2-2			SQF 0.6-2						
		79.5	40.4	21.5	17.9	14.4	11.5	9.0	7.5	6.8	6.0	5.3	4.5	4.0	12	516
		SQF 14A-3	SQF 5A-3	SQF 2.5-2					SQF 1.2-2					SQF 0.6-2		
		99.2	61.0	30.1	20.3	17.6	15.3	13.1	10.2	8.2	7.4	7.0	6.5	5.9	16	688
		SQF 14A-3		SQF 5A-6	SQF 2.5-2					SQF 1.2-2						
		115	76.8	38.3	23.2	19.4	17.4	15.3	13.2	11.1	8.4	7.8	7.3	6.9	20	860
		SQF 14A-3		SQF 5A-6	SQF 2.5-2					SQF 1.2-2						
ZONE K	tilt angle 30°	22.3	12.1	8.5	4.5	3.1	2.7	2.4	2.1	1.9	1.6	1.4	1.1	0.8	4	172
		SQF 5A-3	SQF 2.5-2			SQF 1.2-2	SQF 0.6-2									
		52.8	25.7	17.5	12.1	8.5	6.4	5.5	4.7	4.1	3.8	3.5	3.2	2.8	8	344
		SQF 14A-3	SQF 5A-3	SQF 2.5-2			SQF 1.2-2			SQF 0.6-2						
		78.8	40.2	21.5	17.9	14.1	11.1	8.6	7.4	6.7	5.8	5.1	4.3	4.0	12	516
		SQF 14A-3	SQF 5A-3	SQF 2.5-2					SQF 1.2-2					SQF 0.6-2		
		98.6	59.1	29.1	20.4	17.6	15.2	12.7	9.7	8.2	7.5	6.9	6.3	5.7	16	688
		SQF 14A-3		SQF 5A-6	SQF 2.5-2					SQF 1.2-2						
		115	75.0	37.6	22.2	19.5	17.4	15.4	12.9	10.6	8.4	7.9	7.3	6.8	20	860
		SQF 14A-3		SQF 5A-6	SQF 2.5-2					SQF 1.2-2						
ZONE K	tilt angle 45°	22.7	12.4	8.7	4.6	3.2	2.7	2.5	2.2	1.9	1.6	1.4	1.1	0.8	4	172
		SQF 5A-3	SQF 2.5-2			SQF 1.2-2	SQF 0.6-2									
		54.0	26.2	17.9	12.4	8.7	6.5	5.6	4.8	4.2	3.9	3.6	3.2	2.9	8	344
		SQF 8A-3	SQF 5A-3	SQF 2.5-2			SQF 1.2-2			SQF 0.6-2						
		80.8	41.2	21.9	18.2	14.4	11.3	8.8	7.6	6.8	5.9	5.2	4.4	4.1	12	516
		SQF 14A-3	SQF 5A-3	SQF 2.5-2					SQF 1.2-2					SQF 0.6-2		
		101	60.4	29.6	20.8	18.0	15.6	12.9	9.9	8.4	7.6	7.0	6.5	5.8	16	688
		SQF 14A-3		SQF 5A-6	SQF 2.5-2					SQF 1.2-2						
		117	76.3	38.5	22.7	19.9	17.8	15.7	13.2	10.9	8.6	8.1	7.5	6.9	20	860
		SQF 14A-3		SQF 5A-6	SQF 2.5-2					SQF 1.2-2						

Zone	Solar radiation	Total Head [m]												No. of GF 43	Power [Wp]	
		5	10	20	30	40	50	60	70	80	90	100	110			120
ZONE L tilt angle 15°	7.9 kWh/m <sup>2</sup> day	25.4	13.1	9.4	5.3	3.6	3.0	2.7	2.4	2.1	1.9	1.6	1.3	1.1	4	172
		SQF 8A-3	SQF 2.5-2			SQF 1.2-2	SQF 0.6-2									
		58.5	28.8	18.5	13.3	9.6	7.1	6.2	5.3	4.5	4.0	3.8	3.5	3.1	8	344
		SQF 14A-3	SQF 5A-3	SQF 2.5-2			SQF 1.2-2			SQF 0.6-2						
		83.9	44.9	22.5	18.5	15.4	12.4	9.8	7.8	7.2	6.5	5.7	4.9	4.2	12	516
		SQF 14A-3		SQF 5A-6	SQF 2.5-2				SQF 1.2-2							
		104	65.6	32.4	20.7	18.2	16.1	13.9	11.1	8.7	7.7	7.2	6.8	6.2	16	688
		SQF 14A-3		SQF 5A-6	SQF 2.5-2					SQF 1.2-2						
		120	81.1	40.8	25.2	19.8	17.9	15.9	13.8	11.9	9.2	8.1	7.6	7.1	20	860
		SQF 14A-3		SQF 5A-6	SQF 2.5-2						SQF 1.2-2					
ZONE L tilt angle 30°	7.9 kWh/m <sup>2</sup> day	24.5	12.9	9.2	5.1	3.5	2.9	2.6	2.3	2.1	1.8	1.6	1.2	1.0	4	172
		SQF 8A-3	SQF 2.5-2			SQF 1.2-2	SQF 0.6-2									
		57.1	28.0	18.4	13.1	9.3	6.9	6.0	5.1	4.3	4.0	3.8	3.4	3.1	8	344
		SQF 14A-3	SQF 5A-3	SQF 2.5-2			SQF 1.2-2			SQF 0.6-2						
		83.4	43.4	22.0	18.6	15.2	12.1	9.5	7.8	7.1	6.3	5.6	4.8	4.1	12	516
		SQF 14A-3		SQF 2.5-2				SQF 1.2-2					SQF 0.6-2			
		103	64.1	31.5	20.8	18.2	16.0	13.7	10.8	8.5	7.8	7.2	6.7	6.1	16	688
		SQF 14A-3		SQF 5A-6	SQF 2.5-2				SQF 1.2-2							
		119	79.8	40.3	24.5	19.9	18.0	15.9	13.7	11.7	8.9	8.2	7.6	7.1	20	860
		SQF 14A-3		SQF 5A-6	SQF 2.5-2					SQF 1.2-2						
ZONE L tilt angle 45°	7.9 kWh/m <sup>2</sup> day	25.2	13.3	9.5	5.2	3.6	2.9	2.7	2.4	2.1	1.9	1.6	1.3	1.0	4	172
		SQF 8A-3	SQF 2.5-2			SQF 1.2-2	SQF 0.6-2									
		58.4	28.6	18.8	13.4	9.5	7.1	6.1	5.2	4.4	4.1	3.9	3.5	3.1	8	344
		SQF 14A-3	SQF 5A-3	SQF 2.5-2			SQF 1.2-2			SQF 0.6-2						
		85.6	44.7	22.4	18.9	15.6	12.3	9.8	8.1	7.3	6.5	5.7	4.9	4.2	12	516
		SQF 14A-3		SQF 2.5-2				SQF 1.2-2					SQF 0.6-2			
		106	65.5	32.3	21.2	18.6	16.4	13.9	11.0	8.7	8.0	7.4	6.8	6.3	16	688
		SQF 14A-3		SQF 5A-6	SQF 2.5-2				SQF 1.2-2							
		122	81.5	41.4	25.1	20.2	18.4	16.3	13.9	11.9	9.2	8.4	7.8	7.2	20	860
		SQF 14A-3		SQF 5A-6	SQF 2.5-2					SQF 1.2-2						



Southern Africa - SQFlex Sizing Table, Performance [m<sup>3</sup>/day], January

Zone	Solar radiation	Total Head [m]												No. of GF 43	Power [Wp]	
		5	10	20	30	40	50	60	70	80	90	100	110			120
ZONE M tilt angle 15°	8.4 kWh/m <sup>2</sup> day	27.2	13.6	9.9	5.7	3.8	3.1	2.9	2.5	2.3	2.0	1.7	1.4	1.1	4	172
		SQF 8A-3	SQF 2.5-2			SQF 1.2-2	SQF 0.6-2									
		61.3	30.3	19.0	14.0	10.2	7.6	6.5	5.6	4.7	4.1	3.9	3.6	3.3	8	344
		SQF 14A-3	SQF 5A-3	SQF 2.5-2				SQF 1.2-2			SQF 0.6-2					
		86.9	48.1	23.9	18.9	15.9	13.0	10.4	8.0	7.4	6.7	6.1	5.3	4.5	12	516
		SQF 14A-3		SQF 5A-6	SQF 2.5-2				SQF 1.2-2							
		107	68.8	34.0	20.9	18.6	16.4	14.3	11.8	9.3	7.9	7.4	7.0	6.4	16	688
		SQF 14A-3		SQF 5A-6	SQF 2.5-2						SQF 1.2-2					
		123	83.8	42.4	26.5	20.0	18.3	16.3	14.2	12.3	9.8	8.2	7.8	7.3	20	860
		SQF 14A-3		SQF 5A-6	SQF 2.5-2						SQF 1.2-2					
ZONE M tilt angle 30°	8.4 kWh/m <sup>2</sup> day	26.5	13.5	9.8	5.5	3.7	3.0	2.8	2.5	2.2	1.9	1.7	1.4	1.1	4	172
		SQF 8A-3	SQF 2.5-2			SQF 1.2-2	SQF 0.6-2									
		60.2	29.7	19.0	13.8	9.9	7.4	6.4	5.5	4.6	4.1	3.9	3.5	3.2	8	344
		SQF 14A-3	SQF 5A-3	SQF 2.5-2				SQF 1.2-2			SQF 0.6-2					
		86.7	46.9	23.4	18.9	15.9	12.8	10.2	8.1	7.4	6.6	5.9	5.1	4.4	12	516
		SQF 14A-3		SQF 5A-6	SQF 2.5-2				SQF 1.2-2							
		107	67.6	33.3	21.1	18.6	16.5	14.2	11.5	9.0	8.0	7.4	7.0	6.4	16	688
		SQF 14A-3		SQF 5A-6	SQF 2.5-2						SQF 1.2-2					
		123	83.0	42.1	26.0	20.1	18.5	16.4	14.2	12.2	9.6	8.3	7.8	7.3	20	860
		SQF 14A-3		SQF 5A-6	SQF 2.5-2						SQF 1.2-2					
ZONE M tilt angle 45°	8.4 kWh/m <sup>2</sup> day	27.3	13.9	10.1	5.7	3.9	3.1	2.9	2.5	2.3	2.0	1.8	1.4	1.1	4	172
		SQF 8A-3	SQF 2.5-2			SQF 1.2-2	SQF 0.6-2									
		61.7	30.4	19.4	14.2	10.2	7.7	6.5	5.6	4.8	4.2	4.0	3.6	3.3	8	344
		SQF 14A-3	SQF 5A-3	SQF 2.5-2				SQF 1.2-2			SQF 0.6-2					
		89.0	48.5	24.2	19.3	16.3	13.1	10.5	8.3	7.6	6.8	6.1	5.3	4.5	12	516
		SQF 14A-3		SQF 5A-6	SQF 2.5-2			SQF 2.5-2	SQF 1.2-2							
		109	69.3	34.3	21.4	19.0	16.9	14.5	11.8	9.3	8.2	7.6	7.1	6.5	16	688
		SQF 14A-3		SQF 5A-6	SQF 2.5-2						SQF 1.2-2					
		125	85.3	43.3	26.7	20.5	18.8	16.8	14.5	12.5	9.9	8.5	8.1	7.4	20	860
		SQF 14A-3		SQF 5A-6	SQF 2.5-2						SQF 1.2-2					