

Southern Africa - SQFlex Sizing Table, Performance [m³/day], January

Zone	Solar radiation	Total Head [m]												No. of 50 Wp modules	Power [Wp]	
		5	10	20	30	40	50	60	70	80	90	100	110			120
ZONE E tilt angle 15°	3.8 kWh/m² day	9.7	6.7	4.2	1.8	1.5	1.3	1.2	0.9	0.7	0.5	0.4	0.2	0.1	4	200
		SQF 5A-3	SQF 2.5-2		SQF 0.6-2											
		29.6	14.5	10.7	6.2	4.1	3.4	3.0	2.7	2.4	2.2	1.9	1.6	1.3	8	400
		SQF 8A-3	SQF 2.5-2		SQF 1.2-2		SQF 0.6-2									
		47.8	22.6	16.1	10.8	7.4	5.8	4.9	4.1	3.8	3.5	3.3	2.8	2.5	12	600
		SQF 8A-3	SQF 5A-3	SQF 2.5-2		SQF 1.2-2			SQF 0.6-2							
		64.8	32.2	19.7	15.0	10.9	8.3	6.9	6.0	5.1	4.3	4.0	3.7	3.5	16	800
		SQF 14A-3	SQF 5A-3	SQF 2.5-2				SQF 1.2-2				SQF 0.6-2				
79.4	40.4	21.5	17.9	14.3	11.2	8.8	7.5	6.8	5.9	5.1	4.3	4.0	20	1000		
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/m² day	8.6	6.4	3.8	1.7	1.4	1.2	1.0	0.8	0.6	0.4	0.3	0.1	4	200	
		SQF 5A-3	SQF 2.5-2		SQF 0.6-2											
		27.7	14.2	10.3	5.8	3.9	3.2	2.9	2.6	2.3	2.0	1.8	1.4	1.2	8	400
		SQF 8A-3	SQF 2.5-2			SQF 1.2-2	SQF 0.6-2									
		46.4	21.1	15.7	10.3	6.9	5.5	4.6	4.0	3.7	3.4	3.1	2.7	2.4	12	600
		SQF 8A-3	SQF 5A-3	SQF 2.5-2		SQF 1.2-2		SQF 0.6-2								
		62.2	30.8	19.6	14.5	10.4	7.8	6.7	5.7	4.8	4.3	4.1	3.7	3.4	16	800
		SQF 14A-3	SQF 5A-3	SQF 2.5-2				SQF 1.2-2			SQF 0.6-2					
78.2	39.7	21.9	17.8	13.8	10.6	8.3	7.4	6.5	5.5	4.8	4.3	4.0	20	1000		
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/m² day	8.1	6.1	3.7	1.7	1.4	1.2	1.0	0.8	0.6	0.4	0.2	0.1	4	200	
		SQF 5A-3	SQF 2.5-2		SQF 0.6-2											
		26.8	14.1	10.1	5.5	3.8	3.2	2.9	2.5	2.2	2.0	1.7	1.4	1.1	8	400
		SQF 8A-3	SQF 2.5-2			SQF 1.2-2	SQF 0.6-2									
		46.0	20.4	15.5	10.1	6.7	5.4	4.5	4.0	3.7	3.4	3.1	2.6	2.3	12	600
		SQF 8A-3	SQF 5A-3	SQF 2.5-2		SQF 1.2-2		SQF 0.6-2								
		61.8	30.4	20.0	14.3	10.2	7.6	6.6	5.5	4.7	4.3	4.1	3.7	3.3	16	800
		SQF 14A-3	SQF 5A-3	SQF 2.5-2				SQF 1.2-2				SQF 0.6-2				
78.1	39.4	22.4	17.8	13.6	10.4	8.3	7.4	6.4	5.4	4.6	4.3	4.1	20	1000		
SQF 14A-3	SQF 5A-3	SQF 2.5-2					SQF 1.2-2				SQF 0.6-2					

Southern Africa - SQFlex Sizing Table, Performance [m³/day], January

Zone	Solar radiation	Total Head [m]												No. of 50 Wp modules	Power [Wp]	
		5	10	20	30	40	50	60	70	80	90	100	110			120
ZONE F	tilt angle 15°	13.0	8.3	5.4	2.2	1.9	1.7	1.5	1.2	1.1	0.8	0.6	0.4	0.2	4	200
		SQF 5A-3	SQF 2.5-2		SQF 0.6-2											
		36.2	16.5	12.6	7.8	5.0	4.2	3.6	3.2	2.9	2.6	2.4	2.0	1.7	8	400
		SQF 8A-3	SQF 2.5-2			SQF 1.2-2			SQF 0.6-2							
		56.4	27.6	18.2	12.9	9.2	6.8	6.0	5.1	4.2	3.9	3.7	3.4	3.0	12	600
		SQF 14A-3	SQF 5A-3	SQF 2.5-2			SQF 1.2-2			SQF 0.6-2						
		74.3	37.8	20.9	17.1	13.1	10.3	7.9	7.0	6.3	5.4	4.6	4.1	3.8	16	800
		SQF 14A-3	SQF 5A-3	SQF 2.5-2					SQF 1.2-2			SQF 0.6-2				
		89.6	50.1	24.9	19.2	16.2	13.4	10.9	8.2	7.6	6.8	6.2	5.5	4.7	20	1000
		SQF 14A-3	SQF 5A-6					SQF 1.2-2								
ZONE F	tilt angle 30°	11.9	7.8	5.1	2.1	1.8	1.6	1.4	1.1	0.9	0.7	0.5	0.3	0.1	4	200
		SQF 5A-3	SQF 2.5-2		SQF 0.6-2											
		34.4	16.2	12.2	7.3	4.8	4.0	3.5	3.1	2.8	2.5	2.2	1.9	1.6	8	400
		SQF 8A-3	SQF 2.5-2			SQF 1.2-2			SQF 0.6-2							
		54.4	26.2	18.1	12.4	8.7	6.6	5.7	4.8	4.2	3.9	3.7	3.2	2.9	12	600
		SQF 8A-3	SQF 5A-3	SQF 2.5-2			SQF 1.2-2			SQF 0.6-2						
		73.0	36.8	21.0	16.9	12.7	9.7	7.8	6.9	5.9	5.0	4.4	4.1	3.8	16	800
		SQF 14A-3	SQF 5A-3	SQF 2.5-2					SQF 1.2-2			SQF 0.6-2				
		88.6	47.2	23.5	19.3	16.1	12.9	10.3	8.2	7.5	6.7	6.0	5.2	4.4	20	1000
		SQF 14A-3	SQF 5A-6	SQF 2.5-2					SQF 1.2-2							
ZONE F	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	200
		SQF 5A-3	SQF 2.5-2		SQF 0.6-2											
		33.8	16.2	12.1	7.2	4.7	3.9	3.5	3.1	2.8	2.5	2.2	1.9	1.5	8	400
		SQF 8A-3	SQF 2.5-2			SQF 1.2-2			SQF 0.6-2							
		54.4	25.8	18.0	12.4	8.5	6.6	5.6	4.7	4.2	4.0	3.7	3.2	2.8	12	600
		SQF 8A-3	SQF 5A-3	SQF 2.5-2			SQF 1.2-2			SQF 0.6-2						
		73.4	36.8	21.5	16.9	12.6	9.6	7.9	6.9	5.9	4.9	4.5	4.2	3.9	16	800
		SQF 14A-3	SQF 5A-3	SQF 2.5-2					SQF 1.2-2			SQF 0.6-2				
		89.2	46.3	23.5	19.5	16.1	12.9	10.1	8.3	7.6	6.7	5.9	5.1	4.4	20	1000
		SQF 14A-3	SQF 2.5-2					SQF 1.2-2						SQF 0.6-2		

Southern Africa - SQFlex Sizing Table, Performance [m³/day], January

Zone	Solar radiation	Total Head [m]												No. of 50 Wp modules	Power [Wp]	
		5	10	20	30	40	50	60	70	80	90	100	110			120
ZONE G	tilt angle 15°	15.9	9.3	6.4	2.8	2.2	2.0	1.8	1.5	1.3	1.1	0.9	0.6	0.4	4	200
		SQF 5A-3	SQF 2.5-2			SQF 0.6-2										
		41.2	18.2	14.0	9.0	6.0	4.9	4.1	3.6	3.3	3.0	2.8	2.4	2.1	8	400
		SQF 8A-3	SQF 5A-3	SQF 2.5-2			SQF 1.2-2		SQF 0.6-2							
		63.3	31.4	19.4	14.6	10.6	8.1	6.8	5.8	5.0	4.2	4.0	3.7	3.4	12	600
		SQF 14A-3	SQF 5A-3	SQF 2.5-2				SQF 1.2-2			SQF 0.6-2					
		81.7	42.1	21.8	18.2	14.9	11.8	9.3	7.7	7.0	6.2	5.5	4.7	4.0	16	800
		SQF 14A-3	SQF 2.5-2					SQF 1.2-2						SQF 0.6-2		
		97.1	58.1	28.7	20.1	17.4	14.9	12.5	9.6	8.0	7.3	6.8	6.2	5.6	20	1000
		SQF 14A-3	SQF 5A-6	SQF 2.5-2					SQF 1.2-2							
ZONE G	tilt angle 30°	14.8	9.0	5.9	2.5	2.1	1.9	1.7	1.4	1.2	1.0	0.8	0.5	0.3	4	200
		SQF 5A-3	SQF 2.5-2			SQF 0.6-2										
		39.4	17.7	13.7	8.5	5.6	4.6	3.9	3.5	3.2	2.9	2.6	2.2	1.9	8	400
		SQF 8A-3	SQF 2.5-2				SQF 1.2-2	SQF 0.6-2								
		61.0	30.1	19.4	14.1	10.1	7.6	6.5	5.5	4.7	4.2	4.0	3.6	3.3	12	600
		SQF 14A-3	SQF 5A-3	SQF 2.5-2				SQF 1.2-2			SQF 0.6-2					
		80.7	41.1	21.9	18.1	14.4	11.3	8.8	7.6	6.8	5.9	5.2	4.4	4.1	16	800
		SQF 14A-3	SQF 5A-3	SQF 2.5-2					SQF 1.2-2							
		96.2	55.4	27.3	20.2	17.3	14.7	11.9	9.0	8.1	7.3	6.7	6.0	5.3	20	1000
		SQF 14A-3	SQF 5A-6	SQF 2.5-2					SQF 1.2-2							
ZONE G	tilt angle 45°	14.7	9.0	5.8	2.5	2.1	1.9	1.7	1.4	1.2	0.9	0.7	0.5	0.3	4	200
		SQF 5A-3	SQF 2.5-2			SQF 0.6-2										
		39.3	17.9	13.7	8.5	5.5	4.6	3.9	3.6	3.2	2.9	2.6	2.2	1.9	8	400
		SQF 8A-3	SQF 2.5-2				SQF 1.2-2	SQF 0.6-2								
		60.8	30.0	19.5	14.1	10.1	7.5	6.5	5.5	4.7	4.3	4.0	3.7	3.3	12	600
		SQF 14A-3	SQF 5A-3	SQF 2.5-2				SQF 1.2-2			SQF 0.6-2					
		81.5	41.5	22.4	18.3	14.4	11.2	8.7	7.7	6.9	5.8	5.1	4.4	4.1	16	800
		SQF 14A-3	SQF 5A-3	SQF 2.5-2					SQF 1.2-2				SQF 0.6-2			
		97.1	55.0	27.1	20.5	17.5	14.8	11.8	8.9	8.2	7.4	6.7	6.0	5.2	20	1000
		SQF 14A-3	SQF 5A-6					SQF 1.2-2								

Southern Africa - SQFlex Sizing Table, Performance [m³/day], January

Zone	Solar radiation	Total Head [m]												No. of 50 Wp modules	Power [Wp]	
		5	10	20	30	40	50	60	70	80	90	100	110			120
ZONE H	5.5 kWh/m ² day	19.0	10.6	7.3	3.6	2.6	2.3	2.1	1.8	1.6	1.3	1.1	0.8	0.6	4	200
		SQF 5A-3	SQF 2.5-2				SQF 0.6-2									
		46.5	21.8	15.7	10.4	7.2	5.6	4.8	3.9	3.7	3.4	3.2	2.8	2.4	8	400
		SQF 8A-3	SQF 5A-3	SQF 2.5-2			SQF 1.2-2		SQF 0.6-2							
		70.4	35.5	20.3	16.3	12.2	9.5	7.5	6.7	5.8	4.9	4.2	3.9	3.7	12	600
		SQF 14A-3	SQF 5A-3	SQF 2.5-2				SQF 1.2-2			SQF 0.6-2					
		89.5	50.5	25.1	19.2	16.2	13.5	10.9	8.2	7.5	6.8	6.3	5.5	4.8	16	800
		SQF 14A-3	SQF 5A-6					SQF 1.2-2								
		105	66.5	32.8	20.8	18.3	16.2	13.9	11.3	8.9	7.8	7.3	6.8	6.2	20	1000
		SQF 14A-3	SQF 5A-6	SQF 2.5-2					SQF 1.2-2							
ZONE H	5.5 kWh/m ² day	18.0	10.3	7.0	3.3	2.4	2.2	2.0	1.7	1.5	1.2	1.0	0.7	0.5	4	200
		SQF 5A-3	SQF 2.5-2				SQF 0.6-2									
		45.1	20.6	15.3	10.0	6.8	5.4	4.6	3.9	3.6	3.3	3.0	2.6	2.3	8	400
		SQF 8A-3	SQF 5A-3				SQF 1.2-2	SQF 0.6-2								
		68.6	34.4	20.5	16.0	11.8	9.0	7.4	6.4	5.5	4.7	4.2	3.9	3.6	12	600
		SQF 14A-3	SQF 5A-3	SQF 2.5-2				SQF 1.2-2			SQF 0.6-2					
		88.6	47.9	23.8	19.2	16.1	13.0	10.4	8.2	7.5	6.7	6.0	5.2	4.5	16	800
		SQF 14A-3	SQF 5A-6					SQF 1.2-2								
		104	64.0	31.5	21.0	18.3	16.1	13.6	10.8	8.6	7.8	7.3	6.7	6.1	20	1000
		SQF 14A-3	SQF 5A-6	SQF 2.5-2					SQF 1.2-2							
ZONE H	5.5 kWh/m ² day	18.0	10.4	7.0	3.3	2.5	2.2	2.0	1.7	1.5	1.2	1.0	0.7	0.5	4	200
		SQF 5A-3	SQF 2.5-2				SQF 0.6-2									
		45.6	20.6	15.4	10.1	6.8	5.4	4.6	4.0	3.7	3.3	3.0	2.6	2.3	8	400
		SQF 8A-3	SQF 5A-3				SQF 1.2-2	SQF 0.6-2								
		69.6	34.8	20.7	16.1	11.9	9.0	7.5	6.5	5.5	4.7	4.3	4.0	3.7	12	600
		SQF 14A-3	SQF 5A-3	SQF 2.5-2			SQF 1.2-2				SQF 0.6-2					
		89.9	48.0	23.8	19.5	16.3	13.2	10.4	8.3	7.6	6.8	6.1	5.2	4.5	16	800
		SQF 14A-3	SQF 5A-6					SQF 1.2-2								
		106	64.2	31.9	21.3	18.6	16.4	13.8	10.7	8.7	8.0	7.4	6.7	6.1	20	1000
		SQF 14A-3	SQF 5A-6	SQF 2.5-2					SQF 1.2-2							

Southern Africa - SQFlex Sizing Table, Performance [m³/day], January

Zone	Solar radiation	Total Head [m]												No. of 50 Wp modules	Power [Wp]	
		5	10	20	30	40	50	60	70	80	90	100	110			120
ZONE I tilt angle 15°	6.1 kWh/m² day	21.8	11.8	8.3	4.4	3.0	2.6	2.4	2.1	1.8	1.6	1.3	1.1	0.8	4	200
		SQF 5A-3	SQF 2.5-2			SQF 1.2-2	SQF 0.6-2									
		51.7	25.2	17.2	11.8	8.3	6.3	5.4	4.6	4.0	3.7	3.5	3.1	2.8	8	400
		SQF 14A-3	SQF 5A-3	SQF 2.5-2			SQF 1.2-2			SQF 0.6-2						
		76.7	39.1	21.1	17.5	13.8	10.9	8.4	7.3	6.6	5.7	5.0	4.2	3.9	12	600
		SQF 14A-3	SQF 5A-3	SQF 2.5-2				SQF 1.2-2					SQF 0.6-2			
		96.4	57.9	28.6	20.0	17.3	14.8	12.4	9.5	8.0	7.3	6.8	6.2	5.5	16	800
		SQF 14A-3		SQF 5A-6	SQF 2.5-2					SQF 1.2-2						
		112	73.7	36.6	21.8	19.1	17.0	15.0	12.7	10.4	8.3	7.7	7.2	6.7	20	1000
		SQF 14A-3		SQF 5A-6	SQF 2.5-2					SQF 1.2-2						
ZONE I tilt angle 30°	6.1 kWh/m² day	20.9	11.5	8.0	4.1	2.9	2.5	2.3	2.0	1.7	1.5	1.3	1.0	0.7	4	200
		SQF 5A-3	SQF 2.5-2			SQF 1.2-2	SQF 0.6-2									
		50.3	24.0	16.8	11.4	7.9	6.0	5.2	4.3	3.9	3.7	3.4	3.0	2.7	8	400
		SQF 8A-3	SQF 5A-3	SQF 2.5-2			SQF 1.2-2		SQF 0.6-2							
		75.7	38.5	21.3	17.3	13.4	10.4	8.0	7.2	6.3	5.4	4.7	4.2	3.9	12	600
		SQF 14A-3	SQF 5A-3	SQF 2.5-2				SQF 1.2-2				SQF 0.6-2				
		95.6	55.5	27.4	20.1	17.3	14.7	11.9	9.0	8.0	7.3	6.7	6.0	5.3	16	800
		SQF 14A-3		SQF 5A-6	SQF 2.5-2					SQF 1.2-2						
		112	71.5	35.7	21.5	19.2	17.1	14.8	12.3	9.9	8.3	7.7	7.1	6.6	20	1000
		SQF 14A-3		SQF 5A-6	SQF 2.5-2					SQF 1.2-2						
ZONE I tilt angle 45°	6.1 kWh/m² day	21.1	11.7	8.1	4.1	2.9	2.5	2.3	2.0	1.8	1.5	1.3	1.0	0.7	4	200
		SQF 5A-3	SQF 2.5-2			SQF 1.2-2	SQF 0.6-2									
		51.2	24.2	17.0	11.6	8.0	6.1	5.3	4.4	4.0	3.8	3.5	3.0	2.7	8	400
		SQF 8A-3	SQF 5A-3	SQF 2.5-2			SQF 1.2-2		SQF 0.6-2							
		77.2	39.2	21.5	17.6	13.6	10.5	8.2	7.3	6.4	5.5	4.7	4.2	4.0	12	600
		SQF 14A-3	SQF 5A-3	SQF 2.5-2				SQF 1.2-2				SQF 0.6-2				
		97.2	56.1	27.6	20.4	17.6	14.9	12.0	9.1	8.2	7.4	6.7	6.1	5.3	16	800
		SQF 14A-3		SQF 5A-6	SQF 2.5-2					SQF 1.2-2						
		113	72.1	36.3	21.9	19.5	17.4	15.1	12.4	9.9	8.5	7.9	7.3	6.7	20	1000
		SQF 14A-3		SQF 5A-6	SQF 2.5-2					SQF 1.2-2						

Southern Africa - SQFlex Sizing Table, Performance [m³/day], January

Zone	Solar radiation	Total Head [m]												No. of 50 Wp modules	Power [Wp]	
		5	10	20	30	40	50	60	70	80	90	100	110			120
ZONE J tilt angle 15°	6.7 kWh/m ² day	24.7	12.9	9.2	5.1	3.5	2.9	2.7	2.4	2.1	1.8	1.6	1.3	1.0	4	200
		SQF 8A-3	SQF 2.5-2			SQF 1.2-2	SQF 0.6-2									
		57.3	28.2	18.3	13.1	9.4	6.9	6.1	5.2	4.3	3.9	3.7	3.4	3.1	8	400
		SQF 14A-3	SQF 5A-3	SQF 2.5-2				SQF 1.2-2			SQF 0.6-2					
		82.7	43.6	22.0	18.3	15.1	12.1	9.6	7.7	7.1	6.3	5.6	4.8	4.1	12	600
		SQF 14A-3		SQF 5A-6	SQF 2.5-2				SQF 1.2-2					SQF 0.6-2		
		103	64.2	31.7	20.6	18.0	15.8	13.6	10.9	8.4	7.6	7.2	6.7	6.1	16	800
		SQF 14A-3		SQF 5A-6	SQF 2.5-2					SQF 1.2-2						
		119	80.0	40.2	24.7	19.7	17.8	15.7	13.6	11.6	9.0	8.1	7.5	7.0	20	1000
SQF 14A-3		SQF 5A-6	SQF 2.5-2						SQF 1.2-2							
ZONE J tilt angle 30°	6.7 kWh/m ² day	23.4	12.6	8.9	4.8	3.3	2.8	2.6	2.3	2.0	1.7	1.5	1.2	0.9	4	200
		SQF 8A-3	SQF 2.5-2			SQF 1.2-2	SQF 0.6-2									
		55.4	27.1	18.1	12.7	9.0	6.7	5.8	4.9	4.2	3.9	3.7	3.3	3.0	8	400
		SQF 14A-3	SQF 5A-3	SQF 2.5-2			SQF 1.2-2			SQF 0.6-2						
		81.9	41.5	22.0	18.3	14.8	11.7	9.2	7.7	6.9	6.1	5.4	4.6	4.1	12	600
		SQF 14A-3	SQF 5A-3	SQF 2.5-2				SQF 1.2-2					SQF 0.6-2			
		102	62.1	30.6	20.7	18.0	15.7	13.3	10.4	8.4	7.7	7.1	6.5	6.0	16	800
		SQF 14A-3		SQF 5A-6	SQF 2.5-2				SQF 1.2-2							
		118	78.0	39.4	23.6	19.8	17.8	15.7	13.3	11.3	8.6	8.1	7.5	7.0	20	1000
SQF 14A-3		SQF 5A-6	SQF 2.5-2					SQF 1.2-2								
ZONE J tilt angle 45°	6.7 kWh/m ² day	23.9	12.9	9.1	4.9	3.4	2.8	2.6	2.3	2.0	1.8	1.5	1.2	0.9	4	200
		SQF 8A-3	SQF 2.5-2			SQF 1.2-2	SQF 0.6-2									
		56.2	27.5	18.4	12.9	9.1	6.9	5.9	5.0	4.3	4.0	3.8	3.4	3.0	8	400
		SQF 14A-3	SQF 5A-3	SQF 2.5-2			SQF 1.2-2			SQF 0.6-2						
		83.7	42.4	22.2	18.7	15.1	11.8	9.3	7.9	7.1	6.2	5.5	4.7	4.2	12	600
		SQF 14A-3	SQF 5A-3	SQF 2.5-2				SQF 1.2-2				SQF 0.6-2				
		104	63.1	31.1	21.1	18.4	16.1	13.5	10.5	8.6	7.8	7.3	6.6	6.1	16	800
		SQF 14A-3		SQF 5A-6	SQF 2.5-2				SQF 1.2-2							
		120	79.2	40.2	24.0	20.1	18.2	16.1	13.5	11.4	8.8	8.3	7.7	7.1	20	1000
SQF 14A-3		SQF 5A-6	SQF 2.5-2					SQF 1.2-2								

Southern Africa - SQFlex Sizing Table, Performance [m³/day], January

Zone	Solar radiation	Total Head [m]												No. of 50 Wp modules	Power [Wp]	
		5	10	20	30	40	50	60	70	80	90	100	110			120
ZONE K tilt angle 15°	7.3 kWh/m² day	27.9	13.8	10.1	5.8	3.9	3.1	2.9	2.6	2.3	2.0	1.8	1.5	1.2	4	200
		SQF 8A-3	SQF 2.5-2			SQF 1.2-2	SQF 0.6-2									
		62.1	30.8	19.1	14.2	10.4	7.8	6.6	5.7	4.8	4.1	3.9	3.6	3.3	8	400
		SQF 14A-3	SQF 5A-3	SQF 2.5-2				SQF 1.2-2			SQF 0.6-2					
		87.9	49.1	24.5	19.0	16.0	13.2	10.7	8.1	7.5	6.8	6.2	5.4	4.6	12	600
		SQF 14A-3	SQF 5A-3	SQF 5A-6					SQF 1.2-2							
		108	69.7	34.5	21.0	18.6	16.5	14.4	12.0	9.5	8.0	7.4	7.0	6.5	16	800
		SQF 14A-3		SQF 5A-6	SQF 2.5-2						SQF 1.2-2					
		124	85.2	43.2	27.3	20.1	18.4	16.4	14.2	12.4	10.2	8.3	7.8	7.3	20	1000
		SQF 14A-3		SQF 5A-6	SQF 2.5-2							SQF 1.2-2				
ZONE K tilt angle 30°	7.3 kWh/m² day	26.7	13.6	9.8	5.6	3.8	3.0	2.8	2.5	2.2	2.0	1.7	1.4	1.1	4	200
		SQF 8A-3	SQF 2.5-2			SQF 1.2-2	SQF 0.6-2									
		60.5	29.8	19.0	13.9	10.0	7.5	6.4	5.5	4.7	4.1	3.9	3.6	3.3	8	400
		SQF 14A-3	SQF 5A-3	SQF 2.5-2				SQF 1.2-2			SQF 0.6-2					
		87.2	47.2	23.5	19.0	15.9	12.8	10.3	8.1	7.4	6.6	6.0	5.2	4.4	12	600
		SQF 14A-3		SQF 5A-6					SQF 1.2-2							
		107	67.9	33.5	21.1	18.7	16.6	14.2	11.6	9.1	8.0	7.4	7.0	6.4	16	800
		SQF 14A-3		SQF 5A-6	SQF 2.5-2					SQF 1.2-2						
		124	83.6	42.6	26.4	20.2	18.5	16.4	14.1	12.2	9.7	8.4	7.9	7.3	20	1000
		SQF 14A-3		SQF 5A-6	SQF 2.5-2							SQF 1.2-2				
ZONE K tilt angle 45°	7.3 kWh/m² 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	200
		SQF 8A-3	SQF 2.5-2			SQF 1.2-2	SQF 0.6-2									
		61.6	30.4	19.4	14.2	10.2	7.6	6.5	5.6	4.8	4.2	4.0	3.7	3.3	8	400
		SQF 14A-3	SQF 5A-3	SQF 2.5-2				SQF 1.2-2			SQF 0.6-2					
		89.3	48.4	24.0	19.4	16.3	13.1	10.5	8.3	7.6	6.8	6.1	5.3	4.5	12	600
		SQF 14A-3		SQF 5A-6		SQF 1.2-2				SQF 1.2-2						
		110	69.1	34.4	21.5	19.1	16.9	14.6	11.8	9.3	8.2	7.6	7.1	6.5	16	800
		SQF 14A-3		SQF 5A-6	SQF 2.5-2						SQF 1.2-2					
		126	85.9	43.6	26.9	20.6	18.9	16.8	14.5	12.4	10.0	8.5	8.1	7.4	20	1000
		SQF 14A-3		SQF 5A-6	SQF 2.5-2							SQF 1.2-2				

Southern Africa - SQFlex Sizing Table, Performance [m³/day], January

Zone	Solar radiation	Total Head [m]												No. of 50 Wp modules	Power [Wp]	
		5	10	20	30	40	50	60	70	80	90	100	110			120
ZONE L tilt angle 15°	7.9 kWh/m ² day	30.6	14.7	10.9	6.4	4.3	3.5	3.1	2.8	2.5	2.2	2.0	1.6	1.4	4	200
		SQF 8A-3	SQF 2.5-2			SQF 1.2-2			SQF 0.6-2							
		66.1	33.0	19.7	15.2	11.2	8.6	7.1	6.2	5.3	4.4	4.0	3.8	3.5	8	400
		SQF 14A-3	SQF 5A-3	SQF 2.5-2				SQF 1.2-2				SQF 0.6-2				
		92.3	53.8	26.6	19.5	16.8	14.2	11.6	8.7	7.7	7.1	6.5	5.9	5.1	12	600
		SQF 14A-3		SQF 5A-6	SQF 2.5-2					SQF 1.2-2						
		113	74.3	36.9	22.0	19.2	17.1	15.1	12.8	10.5	8.3	7.7	7.2	6.8	16	800
		SQF 14A-3		SQF 5A-6	SQF 2.5-2					SQF 1.2-2						
		128	88.9	45.4	29.1	20.4	18.8	17.0	14.7	13.1	11.0	8.5	8.0	7.6	20	1000
		SQF 14A-3		SQF 5A-6	SQF 2.5-2					SQF 1.2-2						
ZONE L tilt angle 30°	7.9 kWh/m ² day	29.6	14.5	10.6	6.2	4.1	3.4	3.0	2.7	2.4	2.2	1.9	1.6	1.3	4	200
		SQF 8A-3	SQF 2.5-2			SQF 1.2-2			SQF 0.6-2							
		64.8	32.2	19.8	14.9	10.9	8.3	6.9	6.0	5.1	4.3	4.1	3.8	3.5	8	400
		SQF 14A-3	SQF 5A-3	SQF 2.5-2				SQF 1.2-2				SQF 0.6-2				
		91.8	52.2	26.0	19.6	16.7	13.9	11.3	8.4	7.8	7.0	6.4	5.7	4.9	12	600
		SQF 14A-3		SQF 5A-6	SQF 2.5-2					SQF 1.2-2						
		112	72.8	36.2	21.5	19.3	17.1	15.0	12.6	10.1	8.3	7.7	7.2	6.7	16	800
		SQF 14A-3		SQF 5A-6	SQF 2.5-2					SQF 1.2-2						
		128	88.7	45.2	28.6	20.6	18.9	17.0	14.7	12.9	10.7	8.5	8.1	7.6	20	1000
		SQF 14A-3		SQF 5A-6	SQF 2.5-2					SQF 1.2-2						
ZONE L tilt angle 45°	7.9 kWh/m ² day	30.4	14.8	10.9	6.4	4.3	3.5	3.1	2.8	2.5	2.2	2.0	1.6	1.3	4	200
		SQF 8A-3	SQF 2.5-2			SQF 1.2-2			SQF 0.6-2							
		66.1	32.9	20.1	15.3	11.2	8.5	7.1	6.1	5.3	4.4	4.2	3.9	3.5	8	400
		SQF 14A-3	SQF 5A-3	SQF 2.5-2				SQF 1.2-2				SQF 0.6-2				
		94.1	53.7	26.4	20.0	17.1	14.3	11.5	8.6	8.0	7.2	6.6	5.8	5.1	12	600
		SQF 14A-3		SQF 5A-6	SQF 2.5-2					SQF 1.2-2						
		115	74.3	37.3	21.9	19.7	17.5	15.4	12.9	10.4	8.5	7.9	7.3	6.9	16	800
		SQF 14A-3		SQF 5A-6	SQF 2.5-2					SQF 1.2-2						
		131	91.2	46.3	29.2	21.0	19.3	17.5	15.1	13.2	11.0	8.7	8.3	7.8	20	1000
		SQF 14A-3		SQF 5A-6	SQF 2.5-2					SQF 1.2-2						

Southern Africa - SQFlex Sizing Table, Performance [m³/day], January

Zone	Solar radiation	Total Head [m]												No. of 50 Wp modules	Power [Wp]	
		5	10	20	30	40	50	60	70	80	90	100	110			120
ZONE M	8.4 kWh/m² day	32.5	15.2	11.4	6.9	4.5	3.7	3.3	2.9	2.6	2.4	2.1	1.8	1.5	4	200
		SQF 8A-3	SQF 2.5-2			SQF 1.2-2		SQF 0.6-2								
		68.9	34.6	20.1	15.9	11.8	9.2	7.3	6.5	5.6	4.7	4.1	3.9	3.6	8	400
		SQF 14A-3	SQF 5A-3	SQF 2.5-2			SQF 1.2-2			SQF 0.6-2						
		95.3	57.0	28.2	19.9	17.2	14.7	12.3	9.3	7.9	7.3	6.8	6.2	5.5	12	600
		SQF 14A-3		SQF 5A-6	SQF 2.5-2				SQF 1.2-2							
		116	77.5	38.6	23.5	19.5	17.5	15.4	13.3	11.2	8.4	7.9	7.4	6.9	16	800
		SQF 14A-3		SQF 5A-6	SQF 2.5-2					SQF 1.2-2						
		131	91.6	46.7	30.2	20.7	19.0	17.3	15.1	13.4	11.4	8.6	8.1	7.6	20	1000
		SQF 14A-3		SQF 5A-6	SQF 2.5-2						SQF 1.2-2					
ZONE M	8.4 kWh/m² day	31.7	15.1	11.2	6.7	4.4	3.6	3.2	2.9	2.6	2.3	2.1	1.7	1.4	4	200
		SQF 8A-3	SQF 2.5-2			SQF 1.2-2		SQF 0.6-2								
		67.9	34.0	20.2	15.7	11.6	8.9	7.3	6.4	5.5	4.6	4.2	3.9	3.6	8	400
		SQF 14A-3	SQF 5A-3	SQF 2.5-2			SQF 1.2-2			SQF 0.6-2						
		95.1	55.8	27.5	20.0	17.2	14.6	12.0	9.1	8.0	7.3	6.7	6.1	5.3	12	600
		SQF 14A-3		SQF 5A-6	SQF 2.5-2				SQF 1.2-2							
		116	76.3	38.2	22.8	19.6	17.5	15.5	13.1	10.9	8.5	7.9	7.4	6.9	16	800
		SQF 14A-3		SQF 5A-6	SQF 2.5-2					SQF 1.2-2						
		131	91.9	46.7	29.9	20.9	19.2	17.5	15.1	13.4	11.3	8.7	8.2	7.7	20	1000
		SQF 14A-3		SQF 5A-6	SQF 2.5-2						SQF 1.2-2					
ZONE M	8.4 kWh/m² day	32.6	15.5	11.6	6.9	4.5	3.7	3.3	2.9	2.7	2.4	2.1	1.8	1.5	4	200
		SQF 8A-3	SQF 2.5-2			SQF 1.2-2		SQF 0.6-2								
		69.4	34.8	20.5	16.1	12.0	9.2	7.5	6.5	5.6	4.7	4.3	4.0	3.7	8	400
		SQF 14A-3	SQF 5A-3	SQF 2.5-2			SQF 1.2-2			SQF 0.6-2						
		97.6	57.5	28.2	20.4	17.6	15.1	12.3	9.4	8.2	7.4	6.8	6.2	5.5	12	600
		SQF 14A-3		SQF 5A-6	SQF 2.5-2				SQF 1.2-2							
		118	78.0	39.4	23.5	19.9	18.0	15.9	13.4	11.2	8.7	8.2	7.6	7.0	16	800
		SQF 14A-3		SQF 5A-6	SQF 2.5-2					SQF 1.2-2						
		133	94.4	47.9	30.5	21.2	19.5	17.8	15.6	13.6	11.6	8.9	8.4	7.9	20	1000
		SQF 14A-3		SQF 5A-6	SQF 2.5-2						SQF 1.2-2					