

Monocrystalline Silicon



125mm cells Mono-crystalline/ Polycrystalline solar modules

125mm cells Mono-crystalline solar modules (Monocrystalline Silicon)

Series	EVA Width (mm)	TPT Width (mm)	Array (piece)	Weight (kg)	Withstanding Voltage (V)	Working temperature ()	Pmax (W)	Imp (A)	Vmp (V)	Isc (A)	Voc (V)
Q0	812	812	6 × 12	15	1000	47	180	5.00	36.05	5.51	44.8
							175	4.94	35.45	5.41	44.5
							170	4.82	35.35	5.25	44.3
							165	4.73	34.95	5.18	44.0
							160	4.65	34.45	5.07	43.7
QQ	540	540	4 × 9	8	715	47	85	4.82	17.65	2.29	22.2
							80	4.65	17.25	2.07	21.8
							75	4.36	17.24	1.88	21.9
QS	540	540	4 × 9	4	715	47	40	2.33	17.22	2.54	21.9
QU	296	296	4 × 9	2.2	715	47	20	1.14	17.51	1.19	21.9
QV	310	310	4 × 9	1.2	715	47	10	0.60	16.70	0.68	21.3
QW	296	296	4 × 9	1	715	47	5	0.30	16.70	0.33	21.3
Series	Model	Solar Cell Efficiency (%)	Normal Power (W)	Actual Output Power (W)	Dimension of Cell (mm)	Dimension of Module (mm)	Dimension of Glass (mm)				
Q0	EQS180D-24	>16.9	180	177.5 ~	125 × 125	1580 × 808 × 35	1574 × 802 × 3.2				
	EQS175D-24	16.4 ~ 16.9	175	182.5							
	EQS170D-24	16 ~ 16.4	170	172.5 ~							
	EQS165D-24	15.4 ~ 16	165	177.5							
	EQS160D-24	15 ~ 15.4	160	167.5 ~							

				172.5 162.5 ~ 167.5 157.5 ~ 162.5			
QQ	EQS085D-24 EQS080D-24 EQS075D-24	15.6 ~ 16.8 14.6 ~ 15.4 13.5 ~ 14.6	85 80 75	82.5 ~ 87.5 77.5 ~ 82.5 72.5 ~ 77.5	125 × 125	1196 × 541 × 30	1190 × 536 × 3.2
QS	EQS040D-24	13.5 ~ 16.4	40	36 ~ 44	125 × 62.5	630 × 541 × 30	624 × 535 × 3.2
QU	EQS020D-24	13.5 ~ 16.4	20	18 ~ 22	62.5 × 62.5	640 × 306 × 18	620 × 286 × 3.2
QV	EQS010D-24	13.5 ~ 16.4	10	9 ~ 11	62.5 × 125	360 × 306 × 18	340 × 286 × 3.2
QW	EQS005D-24	13.5 ~ 16.4	5	4.5 ~ 5.5	62.5 × 15.625	216 × 306 × 18	196 × 286 × 3.2

25mcells Polycrystalline solar modules(Monocrystalline Silicon)

Series	EVA Width (mm)	TPT Width (mm)	Array (piece)	Weight (kg)	Withstanding Voltage (V)	Working temperature ()	Pmax (W)	Imp (A)	Vmp (V)	Isc (A)	Voc (V)
QO	812	812	6 × 12	15	1000	47	180	5.06	35.55	5.51	44.8
							175	4.97	35.25	5.3	44.3
							170	4.83	35.25	5.25	44.3
							165	4.74	34.85	5.18	44.0
QQ	540	540	4 × 9	8	715	47	90	5.11	17.65	5.51	22.4
							85	4.86	17.55	5.29	22.2
							80	4.65	17.25	5.07	21.8
QS	540	540	4 × 9	4	715	47	40	2.33	17.22	5.4	21.8
QU	296	296	4 × 9	2.2	715	47	20	1.16	17.51	1.19	21.9
QV	310	310	4 × 9	1.2	715	47	10	0.60	16.60	0.68	21.3
QW	296	296	4 × 9	1	715	47	5	0.30	16.60	0.33	21.3
Series	Model	Solar Cell Efficiency (%)	Normal Power (W)	Actual Output Power (W)	Dimension of Cell (mm)	Dimension of Module (mm)	Dimension of Glass (mm)				
QO	EQS180D-24	>15.8	180	177.5 ~	125 × 125	1580 × 808 × 35	1574 × 802 × 3.2				
	EQS175D-24	15.4 ~ 15.8	175	182.5							
	EQS170D-24	14.8 ~ 15.4	170	172.5 ~							
	EQS165D-24	14.4 ~ 14.8	165	177.5 167.5 ~ 172.5 162.5 ~							

				167.5			
QQ	EQS090D-12	15.6 ~ 16.4	90	87.5 ~	125 × 125	1196 × 541 × 30	1190 × 536 × 3.2
	EQS085D-12	14.8 ~ 15.6	85	92.5			
	EQS080D-12	14.0 ~ 14.8	80	82.5 ~ 87.5 77.5 ~ 82.5			
QS	EQS040D-12	12.8 ~ 15.6	40	36 ~ 44	125 × 62.5	630 × 541 × 30	624 × 535 × 3.2
QU	EQS020D-12	13.5 ~ 15	20	18 ~ 22	62.5 × 62.5	640 × 306 × 18	620 × 286 × 3.2
QV	EQS010D-12	12.8 ~ 15.6	10	9 ~ 11	62.5 × 125	360 × 306 × 18	340 × 286 × 3.2
QW	EQS005D-12	12.8 ~ 15.6	5	4.5 ~ 5.5	62.5 × 15.625	216 × 306 × 18	196 × 286 × 3.2