

12V DC SOLAR PANEL SPECIFICATION

Power	Voc (V)	Isc(A)	Vmax(V)	Imax(A)	Cell size (MM)	Cell power	Minimum solar cell efficiency	Q'ty of cells in the panel(PCS)	Layout	Aluminum frame size(MM)
5W	21.5V	0.31A	17.8V	0.28A	78*12	3.80W	15.90%	36	4*9	350*170*17
10W	21.6V	0.62A	17.8V	0.47A	156*12	3.72W	15.60%	36	2*18	300*350*23
15W	21.6V	0.92A	17.8V	0.84A	156*16	4.2W	17.55%	36	2*18	370*350*23
20W	21.6V	1.23A	17.8V	1.13A	156*21	4.25W	17.80%	36	2*18	460*350*25
25W	21.6V	1.54A	17.8V	1.40A	156*26	4.30W	18.00%	36	2*18	550*350*25
30W	21.7V	1.84A	17.8V	1.69A	156*32	4.2W	17.55%	36	2*18	660*350*35
35W	21.7V	2.15A	17.8V	1.97A	156*37	4.22W	17.70%	36	2*18	400*670*35
40W	21.9V	2.43A	18.0V	2.22A	156*42	4.25W	17.80%	36	4*9	450*670*35
45W	21.9V	2.74A	18.0V	2.5A	156*48	4.2W	17.55%	36	4*9	500*670*35
50W	21.9V	2.75A	18.2V	2.43A	156*54	4.14W	17.30%	36	4*9	550*670*35
55W	22.0V	3.33A	18.2V	3.02A	156*59	4.17W	17.45%	36	4*9	600*670*35
60W	22.0V	3.64A	18.2V	3.30A	156*64	4.2W	17.55%	36	4*9	650*670*35
65W	22.0V	3.94A	18.2V	3.57A	156*70	4.15W	17.40%	36	4*9	700*670*35
70W	21.8V	4.28A	17.8V	3.93A	156*78	4.05W	17.00%	36	4*9	780*670*35
75W	21.8V	4.28A	18.0V	3.93A	156*78	4.05W	17.00%	36	4*9	780*670*35
80W	21.6V	4.94A	18.0V	4.44A	156*83	4.30W	18.00%	36	4*9	820*670*35
85W	21.6V	5.25A	18.2V	4.67A	156*92	4.13W	17.30%	36	4*9	900*670*35
90W	22.4V	5.36A	18.5V	4.87A	156*97	4.15W	17.40%	36	4*9	950*670*35
95W	22.4V	5.63A	18.5V	5.14A	156*103	4.13W	17.30%	36	4*9	1000*670*35
100W	21.5V	6.20A	18.5V	5.40A	156*103	4.34W	18.20%	36	4*9	1000*670*35

100W	21.6V	6.17A	17.8V	5.62A	156*114	3.92W	16.20%	36	4*9	1093*670*35
105W	21.6V	7.86A	17.8V	6.48A	156*114	4.11W	17.20%	36	4*9	1093*670*35
110W	21.8V	6.73A	18.0V	6.11A	156*114	4.30W	18.00%	36	4*9	1093*670*35
110W	21.8V	6.73A	17.8V	6.18A	156*120	4.10W	16.85%	36	4*9	1155*670*35
115W	21.8V	7.03A	18.2V	6.32A	156*120	4.30W	18.00%	36	4*9	1155*670*35
115W	21.6V	7.1A	18.0V	6.39A	156*125	4.11W	16.90%	36	4*9	1200*670*35
120W	22.0V	7.27A	18.2V	6.60A	156*125	4.30W	18.00%	36	4*9	1200*670*35
120W	21.8V	7.34A	18.0V	6.67A	156*130	4.13W	17.00%	36	4*9	1245*670*35
125W	22.0V	7.57A	18.2V	6.87A	156*130	4.30W	18.00%	36	4*9	1245*670*35
125W	21.8V	7.88A	18.0V	6.95A	156*135	4.14W	17.00%	36	4*9	1290*670*35
130W	22.0V	7.88A	18.2V	7.15A	156*135	4.30W	18.00%	36	4*9	1290*670*35
130W	22.0V	7.88A	18.0V	7.22A	156*140	4.15W	17.10%	36	4*9	1335*670*35
135W	22.2V	8.10A	18.0V	7.5A	156*140	4.30W	18.00%	36	4*9	1335*670*35
135W	22.0V	8.11A	18.2V	7.42A	156*156	3.87W	16.20%	36	4*9	1482*670*35
150W	22.2V	8.41A	17.8V	7.15A	156*156	4.0W	16.70%	36	4*9	1482*670*35