

LIST OF THIN FILM INDOOR OEM SOLAR MODULES

Electrical Output are Rated at Standard Test Condition 100mW/m², 25°C, AM1.5

PART No.	LENGTH (mm)	WIDTH (mm)	ILLUMINATION (Lux)	OPEN CIRCUIT VOLTAGE (V)	VOLTAGE AT NOMINAL POWER(V)	NOMINAL POWER (mWp)
81010JH	57	50	100	0.59	0.41	0.065
			200	0.61	0.43	0.136
			1000	0.67	0.48	0.742
90067JH	60	90	100	0.59	0.41	0.128
			200	0.61	0.43	0.268
			1000	0.67	0.48	1.462
90090JHI	69.5	69.5	100	0.59	0.41	0.116
			200	0.61	0.43	0.243
			1000	0.67	0.48	1.323
90092JHI	72	152	100	0.59	0.41	0.208
			200	0.61	0.43	0.437
			1000	0.67	0.48	2.371
90073CK	Ø93		100	0.59	0.41	0.174
			200	0.61	0.43	0.364
			1000	0.67	0.48	1.950
90081MHI	95	95	100	0.59	0.41	0.227
			200	0.61	0.43	0.476
			1000	0.67	0.48	2.543
80213JH	57	50	100	1.17	0.82	0.064
			200	1.22	0.86	0.134
			1000	1.34	0.95	0.740
90068JH	57	50	100	1.76	1.23	0.063
			200	1.83	1.29	0.133
			1000	2.01	1.43	0.732
80502MHP	47	95	100	2.34	1.64	0.102
			200	2.44	1.72	0.214
			1000	2.68	1.90	1.180
90070JH	57	50	100	2.34	1.64	0.062
			200	2.44	1.72	0.131
			1000	2.68	1.90	0.722
80272JQ	72	21	100	2.34	1.64	0.032
			200	2.44	1.72	0.068
			1000	2.68	1.90	0.374
80490JQ	80	35	100	2.34	1.64	0.065
			200	2.44	1.72	0.136
			1000	2.68	1.90	0.750

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80926JH2	82	37	100	2.93	2.05	0.069
			200	3.05	2.15	0.145
			1000	3.35	2.38	0.802
80190MH	95	95	100	2.34	1.64	0.224
			200	2.44	1.72	0.470
			1000	2.68	1.90	2.589
90071JH	135	20	100	2.34	1.64	0.061
			200	2.44	1.72	0.128
			1000	2.68	1.90	0.706
90085JH	323	29	100	2.34	1.64	0.231
			200	2.44	1.72	0.485
			1000	2.68	1.90	2.609
80670JH	29	18	100	2.93	2.05	0.007
			200	3.05	2.15	0.015
			1000	3.35	2.38	0.083
90491JQ	55	14	100	2.93	2.05	0.015
			200	3.05	2.15	0.031
			1000	3.35	2.38	0.171
80261JH	57	50	100	2.93	2.05	0.062
			200	3.05	2.15	0.129
			1000	3.35	2.38	0.713
80965FA	58	54	100	2.93	2.05	0.063
			200	3.05	2.15	0.133
			1000	3.35	2.38	0.735
80522JQ	59.5	32.5	100	2.93	2.05	0.042
			200	3.05	2.15	0.087
			1000	3.35	2.38	0.482
80926JH	82	37	100	2.93	2.05	0.069
			200	3.05	2.15	0.145
			1000	3.35	2.38	0.820
90086JH	152.5	76	100	2.93	2.05	0.299
			200	3.05	2.15	0.626
			1000	3.35	2.38	3.447
80963JH2	23	13	100	3.51	2.46	0.003
			200	3.66	2.58	0.007
			1000	4.02	2.85	0.038
80998JH2	25	20		3.51	2.46	0.007
				3.66	2.58	0.015
				4.02	2.85	0.081
90072JH	57	50	100	3.51	2.46	0.061
			200	3.66	2.58	0.127
			1000	4.02	2.85	0.704
80932JH	37	22	100	4.10	2.87	0.013
			200	4.27	3.01	0.028
			1000	4.69	3.33	0.152
80750JH	57	50	100	4.10	2.87	0.060
			200	4.27	3.01	0.126
			1000	4.69	3.33	0.694

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80932JH	37	22	100	4.10	2.87	0.013
			200	4.27	3.01	0.028
			1000	4.69	3.33	0.152
80750JH	57	50	100	4.10	2.87	0.060
			200	4.27	3.01	0.126
			1000	4.69	3.33	0.694
90087JH	95	26	100	4.10	2.87	0.055
			200	4.27	3.01	0.116
			1000	4.69	3.33	0.642
80840MHP	97	82	100	4.10	2.87	0.198
			200	4.27	3.01	0.416
			1000	4.69	3.33	2.294
80472JQ	34.9	45.9	100	4.68	3.28	0.025
			200	4.88	3.44	0.052
			1000	5.36	3.80	0.286
80860JH	37	22	100	4.68	3.28	0.013
			200	4.88	3.44	0.027
			1000	5.36	3.80	0.149
80240JH	60	70	100	8.19	5.74	0.085
			200	8.54	6.02	0.178
			1000	9.38	6.65	0.985
90089JH	135	20	100	8.19	5.74	0.058
			200	8.54	6.02	0.122
			1000	9.38	6.65	0.674
80221JH	82.2	32	100	8.78	6.15	0.055
			200	9.15	6.45	0.116
			1000	10.05	7.13	0.639

TYPES	DESCRIPTION
Type B	Solar Module with hole
Type C	No protective coating on back. Solar module for processing by encapsulation of unprotected semiconductor layer
Type I	Isolation line to separate a hole from active area
Type J	Back with protective coating and free contact strips. Contacting by soldering at various points along the contact strip. Maximum relative humidity 75% without condensation. Figures for electrical data refer to contacting at a central point
Type K	Circular solar module
Type M	Back with protective coating and free contact points. Contacting possible by soldering
Type P	Isolated negative pole for optimal area utilization
Ends with '2'	Glass thickness 2.3mm otherwise 3.2mm

CELL TEMPERATURE COEFFICIENTS	
Power	Minus 0.2% per degree Celsius
Open Circuit Voltage	Minus 0.33% per degree Celsius
Short Circuit Current	Plus 0.08% per degree Celsius
LIMITS	
Permissible module temperature	Minus 40 degree Celsius to plus 80 degree Celsius
Relative Humidity	Maximum 75% relative humidity without condensation
Soldering conditions	250 to 290 degree Celsius for 1 to 2sec (flux cored solder), Interflux IF141, 0-500, SN60 Pb40