

Specification for 1W PV Module

(Test condition: 1000W/m², AM1.5, 25°C)

Parameters	Type	1W
	Silicon	Mono-Crystalline Silicon
Maximum Power	Watt	1
Production Tolerance		± 10%
Maximum Power voltage	V	6V
Maximum Power current	A	0.17
Open circuit voltage	V	6.9
Short circuit current	A	0.18
Cells thickness		0.18mm±20μm
size of panel (wide and high)		125*63*3mm
Number of cells		12
Weight per piece (Kgs)		0.12

Model number	Max. Power	Unit Size	Unit weight	Max. operating voltage	Max. operating current	Open circuit Voltage	Short circuit current	Packing	Carton dimensions	Gross weight	Maximum System Voltage (V)	Number of Cells	20" Container Capacity (PSC)	40" Container Capacity (PSC)
	Pm	LxWxH	(kgs)	Vpm(V)	Ip(A)	Voc (V)	Isc(A)	(pcs/ctn)	LxWxH	(kgs/ctn)				
	(Wp)	(mm)							(mm)					
Mini Panel	0.5	68*97.5x3.2	0.03	4	0.125	5	0.137	700	460x280x200	21	36	8		
XHH001-4	1	125*63X3.2	0.05	6	0.166	7.2	0.183	500	460x280x200	25	36	12		
XHH001-6	2	135X135X3.2	0.1	9	0.22	11	0.24	200	460x280x200	20	36	18		
XHH005-12	5	290*200*22	0.8	18	0.3	21.6	0.33	10	380x220x360	9	600	36		
XHH010-12	10	340x280x22	1.6	18	0.58	21.6	0.64	10	380x300x360	18	600	36		
XHH015-12	15	475x280x22	2	18	0.86	21.6	0.95	10	560x300x360	21.2	600	36		
XHH020-12	20	630x280x22	2.8	18	1.15	21.6	1.27	10	630x300x360	29.2	600	36		
XHH025-12	25	535*435*35	3.8	18	1.44	21.6	1.58	10	700x300x360	39.5	600	36		
XHH030-12	30	535*445*35	3.8	18	1.72	21.6	1.89	10	600x380x360	39.5	600	36		
XHH040-12	40	635x535x35	4.8	18	2.3	21.6	2.53	10	700x600x360	49.8	600	36		
XHH050-12	50	765*535*35	6	18	2.87	21.6	3.16	5	1100x500x240	32	600	36		
XHH055-12	55	765*535*35	6	18	3.16	21.6	3.48	5	1100x500x240	32	600	36		
XHH070-12	70	905X535X35	7	18	3.89	21.6	4.2	5	960X560X240	40	600	36	600	1350
XHH075-12	75	1195x535x35	7.5	18	4.31	21.6	4.74	5	1250x560x240	44	600	36	600	1350
XHH080-12	80	1195*535*35	7.5	18	4.6	21.6	5	5	1250x560x240	44	600	36	600	1350
XHH100-12	100	980x795x35	10.5	18	5.75	21.6	6.33	2	1250x900x80	56	600	36	504	1008
XHH120-24	120	1195*795*35	11	36	3.48	43	3.8	2	1450x680x115	23	600	72	504	1008
XHH130-24	130	1475x650x35	11.5	36	3.6	43	3.97	2	1450x680x115	25	600	72	504	1008
XHH140-24	140	1580x800x50	16	36	4	43	4.35	2	1630x840x110	36	600	72	240	560
XHH150-24	150	1580x800x50	16	36	4.29	43	4.68	2	1630x840x110	36	600	72	240	560
XHH160-24	160	1580x800x50	16	36	4.57	43	4.98	2	1630x840x110	36	1000	72	240	560
XHH170-24	170	1580x800x50	16	36	4.72	43	5.15	2	1630x840x110	36	1000	72	240	560
XHH175-24	175	1580x800x50	16	36	5	43	5.39	2	1630x840x110	36	1000	72	240	560
XHH180-24	180	1580x800x50	16	36	5.14	43	5.54	2	1630x840x110	36	1000	72	240	560
XHH200-24	200	1580x980x50	17	36	5.55	43	6.1	2	1750x950x110	38	1000	91	220	520
XHH210-24	210	1580x980x50	18	36	5.83	43	6.41	2	1790x1050x110	40	1000	72	220	520
XHH220-24	220	1580*980*50	19	36	6.15	43	6.6	2	1790x1050x110	42	1000	72	220	520
XHH240-36	240	1950*980*50	20	36	6.66	43	7.32	2	1980x1050x110	42	1000	72	216	504
XHH270-24	270	1950X980x50	20.5	36	7.72	43	8.4	2	2000x1100x65	43	1000	72	180	432
XHH300-36	300	1600X1600X50	28	72	4.17	86	4.6	2	1700x1700x110	60	1000	144	90	210
XHH380-36	380	1600X1600X50	30	72	5.43	83.6	6	1	1700x1700x65	35	1000	144	90	210