

POLY CRYSTALLINE SOLAR PANEL

ELECTRICAL SPECIFICATION	RT003P	RT005P	RT010P	RT020P	RT030P	RT040P	RT050P	RT060P
Nominal Maximum Power	3W	5W	10W	20W	30W	40W	50W	60W
Open Circuit Voltage Voc(V)	10.50	10.80	21.60	21.60	21.60	21.60	21.60	21.60
Short Circuit Current Isc(A)	0.37	0.61	0.61	1.23	1.84	2.45	3.06	3.68
Peak Voltage Vmp(V)	9.10	9.10	18.20	18.20	18.20	18.20	18.20	18.20
Peak Current Imp(A)	0.33	0.55	0.55	1.10	1.65	2.20	2.75	3.30
PMAX	3.00	5.01	10.01	20.02	30.03	40.04	50.05	60.06
Module Efficiency	8.77%	8.77%	9.16%	10.58%	12.79%	13.88%	13.82%	13.99%
Cell Type	39x26	78x26	52x39	78x52	156x31.2	156x39	156x52	156x63
Cell Arrangement(mm)	4x5	2x9	4x9	4x9	4x9	4x9	4x9	4x9
Dimensions(mm)	185x185x17	190x300x17	260x420x17	350x540x25	350x670x25	430x670x25	670x540x25	640x670x25
Weight(kg)	0.5kg	0.68kg	1.0kg	1.9kg	2.5kg	3.2kg	4.0kg	4.8kg
Tolerance(w)	0~+5W	0~+5W	0~+5W	0~+5W	0~+5W	0~+5W	0~+5W	0~+5W

ELECTRICAL SPECIFICATION	RT070P	RT080P	RT090P	RT100P	RT100P	RT150P	RT160P	RT165P
Nominal Maximum Power	70W	80W	90W	100W	100W	150W	160W	165W
Open Circuit Voltage Voc(V)	21.40	22.00	21.60	21.90	22.81	21.60	22.00	22.20
Short Circuit Current Isc(A)	4.33	4.80	5.51	6.03	5.85	9.19	9.59	9.78
Peak Voltage Vmp(V)	18.00	18.60	18.20	17.90	18.91	18.20	18.60	18.80
Peak Current Imp(A)	3.89	4.31	4.95	5.59	5.29	8.25	8.61	8.78
PMAX	70.02	80.17	90.09	100.06	100	150.15	160.15	165.06
Module Efficiency	13.75%	15.71%	15.62%	15.44%	17.53%	15.15%	16.16%	16.66%
Cell Type	156x78	156x78	156x93	156x91	166x83	156x156	156x156	156x156
Cell Arrangement(mm)	4x9	4x9	4x9	3x12	4x9	4x9	4x9	4x9
Dimensions(mm)	760x670x25	760x670x25	906x670x30	1200x540x30	815x700x30	1487x666x35	1487x666x35	1487x666x35
Weight(kg)	5.7kg	5.7kg	6.4kg	7kg	6kg	11.5kg	11.5kg	11.5kg
Tolerance(w)	0~+5W	0~+5W	0~+5W	0~+5W	0~+5W	0~+5W	0~+5W	0~+5W

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ELECTRICAL SPECIFICATION	RT170P	RT200P	RT250P	RT275P	RT280P	RT285P	RT340P	RT405P	RT410P
Nominal Maximum Power	170W	200W	250W	275W	280W	285W	340W	405W	410W
Open Circuit Voltage Voc(V)	23.35	23.60	37.30	38.10	38.20	38.30	46.80	47.40	47.60
Short Circuit Current Isc(A)	9.45	10.90	8.81	9.28	9.40	9.49	9.38	10.98	11.60
Peak Voltage Vmp(V)	18.97	19.35	29.90	31.10	31.40	31.60	38.30	38.90	39.10
Peak Current Imp(A)	8.96	10.34	8.36	8.84	8.92	9.02	8.88	10.42	10.49
PMAX	169.97	200	250	275	280	285	340	405	410
Module Efficiency	17.16%	18.32%	15.40%	16.80%	17.10%	17.40%	17.53%	18.33%	18.56%
Cell Type	156x156	156x104	156x156	156x156	156x156	156x156	156x156	166x83	166x83
Cell Arrangement(mm)	4x9	4x9	6x10	6x10	6x10	6x10	6x12	6x24	6x24
Dimensions(mm)	1487x666x35	1560x700x35	1640x992x35	1640x992x35	1640x992x35	1640x992x35	1956x992x40	2115x1052x40	2115x1052x40
Weight(kg)	11.5kg	12kg	19kg	19kg	19kg	19kg	22kg	25kg	25kg
Tolerance(w)	0~+5W	0~+5W	0~+5W	0~+5W	0~+5W	0~+5W	0~+5W	0~+5W	0~+5W

