

Consolidated Data Sheet Format

Dated: 19-Jul-11



Module	Electrical Parameters						Cells Details			Mechanical Parameters					
Model	Voltage	Pmax	Vmp	Imp	Voc	Isc	Cells/Module	Mono / Multi	Temperature Coefficients	Dimensions	Weight	Mounting Hole Pitch		Area	Junction Box
	V	Watts	Volts	Amps	Volts	Amps	Units	156 Sq. mm	Maximum System Voltage = 1000VDC	mm	Kgs.	Y (mm) ±2	X (mm) ±2	Sq.Mtrs	
PM003	6	3	8.2	0.36	10	0.42	18	Both		230 x 195 x 22	0.6	125	167	0.045	JB1
PM005	6	5	8.2	0.6	10	0.7	18	Both		310 x 195 x 22	0.7	200	167	0.06	JB1
	12	5	16.5	0.31	20	0.35	36								
PM008	12	8	16.5	0.49	20	0.55	36	Both		295 x 355 x 22	1.15	200	327	0.11	JB2
PM010	12	10	16.5	0.61	20	0.7	36	Both		295 x 355 x 22	1.15	200	327	0.11	JB2
PM015	12	15	16.5	0.91	20	1.05	36	Both		400 x 355 x 22	1.55	200	327	0.18	JB2
PM020	12	20	16.5	1.22	20	1.36	36	Both		540 x 355 x 22	2	200	327	0.19	JB2
PM025	12	25	16.5	1.52	20	1.75	36	Both		415 x 655 x 34	4.5	300	611	0.28	JB3
PM030	12	30	16.5	1.83	20	2	36	Both		415 x 655 x 34	4.5	300	611	0.28	JB3
PM040	12	35	17.7	1.98	21.6	2.22	36	Both	Voc = -0.074 V/°C, Isc = +2.80mA/°C	535 x 655 x 35	4.2	300	612	0.35	JB3
		37	17.7	2.1	21.6	2.35									
		40	17.7	2.3	21.6	2.5									
PM055	12	45	17.7	2.55	21.6	2.9	36	Both	Voc = -0.074 V/°C, Isc = +2.80mA/°C	740 x 655 x 35	6.9	510	612	0.48	JB3
		50	17.7	2.83	21.6	3.2									
		55	17.7	3.11	21.6	3.5									
PM070	12	60	17.7	3.4	21.6	3.8	36	Both	Voc = -0.074 V/°C, Isc = +2.80mA/°C	830 x 655 x 35	6.8	510	612	0.54	JB3
		65	17.7	3.7	21.6	4.1									
		70	17.7	4	21.6	4.4									
PM074	12	74	17.7	4.2	21.6	4.8	36	Both	Voc = -0.074 V/oC, Isc = +2.80mA/OC	940 x 655 x 35	6.9	510	612	0.62	JB3
PM080	12	75	17.7	4.24	21.6	4.8	36	Both	Voc = -0.074 V/oC, Isc = +2.80mA/OC	1030 x 655 x 35	8.4	700	612	0.67	JB3
		80	17.7	4.52	21.6	5.1									
*PM080CS	12	80	17.7	4.5	21.6	5.1	36	Both	Voc = -0.074 V/oC, Isc = +2.80mA/OC	1150 x 655 x 35	8.8	700	612	0.76	JB3
PM0100	12	90	17.7	5.1	21.6	5.7	36	Both	Voc = -0.074 V/°C, Isc = +2.80mA/°C	1325 x 655 x 35	10.8	900	612	0.87	JB3
		100	17.7	5.7	21.6	6.3									
PM0115	12	110	17.7	6.2	21.6	7	36	Both	Voc = -0.074 V/oC, Isc = +2.80mA/OC	1325 x 655 x 35	10.8	900	612	0.87	JB3
		115	17.7	6.5	21.6	7.3									
		110	35.4	3.1	43.2	3.5	72	Both							
		115	35.4	3.25	43.2	3.7									
PM0135	12	120	17.7	6.8	21.6	7.4	36	Both	Voc = -133.26 mV / °K, Isc = +2.28 mA / °K	1490 x 655 x 35	12	900	612	0.98	HSJB
		125	17.7	7.1	21.6	7.7									
		130	17.7	7.3	21.6	8									
		135	17.7	7.6	21.6	8.3									
	72	120	35.4	3.4	43.2	3.8	72	Both							
		125	35.4	3.55	43.2	4									
		130	35.4	3.65	43.2	4.15									
		135	35.4	3.8	43.2	4.3									

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Model	Voltage	Pmax	Vmp	Imp	Voc	Isc	Cells/Module	Mono / Multi	Temperature Coefficients	Dimensions	Weight	Mounting Hole Pitch		Area	Junction Box
	V	Watts	Volts	Amps	Volts	Amps	Units	156 Sq. mm	Maximum System Voltage = 1000VDC	mm	Kgs.	Y (mm) ±2	X (mm) ±2	Sq.Mtrs	
PM0165		150	29.6	5.1	36	5.7	60	Both	Voc = -133.26 mV / °K, Isc = +2.28 mA / °K	1280 x 990 x 42	15	900	954	1.27	HSJB
		155	29.6	5.2	36	5.9									
		160	29.6	5.4	36	6.1									
		165	29.6	5.6	36	6.3									
*PM0170CS	24	170	36	4.72	44	5.3	72	Both		1380 x 990 x 42	12	900	953	1.4	HSJB
PM0185		175	26.6	6.6	32.4	7.3	54	Both	Voc = -133.26 mV / °K, Isc = +2.28 mA / °K	1490 x 990 x 42	17.5	900	954	1.48	HSJB
		180	26.6	6.8	32.4	7.4									
		185	26.6	7	32.4	7.6									
PM0220		190	29.6	6.4	36	7	60	Both	Voc = -133.26 mV / °K, Isc = +2.28 mA / °K	1660 x 990 x 42	20	1100	953	1.64	HSJB
		200	29.6	6.8	36	7.4									
		210	29.6	7.1	36	7.8									
		220	29.6	7.4	36	8.2									
PM0230		230	30.84	7.48	37.26	7.96	60	Multi	Voc = -133.26 mV / °K, Isc = +2.28 mA / °K	1660 x 990 x 42	20	1100	953	1.64	HSJB
PMM0230		225	30.3	7.43	37.14	7.93	60	Mono	Voc = -133.26 mV / °K, Isc = +2.28 mA / °K	1660 x 990 x 42	20	1100	953	1.64	HSJB
		230	30.84	7.48	37.26	7.96									
* PMM0250		240	30.9	7.78	36.78	8.404	60	Mono	Voc = -133.26 mV / °K, Isc = +2.28 mA / °K	1660 x 990 x 42	20	1100	953	1.64	HSJB
		250	31.2	8.083	36.72	8.58	60	Mono							
@ PM0250	24	250	36	6.95	44	7.63	72	Multi	Voc = -133.26 mV / °K, Isc = +2.28 mA / °K	1990 x 997 x 50	28	1400 & 700	947	1.98	HSJB

Data Sheet Ref.:	Upto PM020: Issue: 02 / Jul 11
	PM025 TO PM0115: Issue: 01 / Oct 10
	PM0135 TO PM0185: Issue: 02 / Jun 11
	PM0220 TO PMM250: Issue: 03 / Jul 11
	* PM080CS : Issue: 03 / Sep 10 CS ;;;;;; PM0170CS : Issue: 01 / Feb 11 CS2
	@ PM0250 : Issue: 03 / Jul 11
	JB1: 40 x 30 x 8mm; Two Terminal
	JB2: 50 x 40 x 10mm; Two Terminal
	JB3: 78 x 105 x 26mm; Four Terminal
	HSJB: 129 x 94 x 16mm; Four Terminal; Three 15A Diodes
Packing Details:	3Wp & 5Wp - 20pcs in Master Box
	Above 5Wp - upto 20Wp - 10pcs in Master Box
	Above 20Wp - upto 115Wp - 5pcs in Master Box
	Above 115Wp - 2pcs in Master Box