

		SU-KAM Mono panel datasheet				Rev. No. 02
						Rev. Date : 02.Nov'16
Capacity (Wp)		40 W Mono	80 W Mono	100 W Mono	150 W Mono	250 W Mono
Module Volt (V)		12	12	12	12	24
Front "Su-Kam Solar" Logo Sticker Size (± 1 mm)		16*60	16*60	16*60	16*60	16*60
Front "Su-Kam Solar" Logo(Su-Kam Blue) Size (± 1 mm)		8*48	8*48	8*48	8*48	8*48
Logo Sticker Placement		Top Right	Top Right	Top Right	Top Right	Top Right
Serial No. (Black font) Placement		Top Left	Top Left	Top Left	Top Left	Top Left
Module size	Width - W(mm)	665	666	666	666	982
	Height -H(mm)	435	796	1006	1483	1639
	Thickness -T(mm)	25	35	35	35	35
Glass size	Width (mm)	660	660	660	660	976
	Height (mm)	430	790	1000	1477	1633
	Thickness (mm)	3.2	3.2	3.2	3.2	3.2
Module Size Tolerance		(+/-2mm)	(+/-2mm)	(+/-2mm)	(+/-2mm)	(+/-2mm)
Cell size(mm)		39 x 156	78 x 156	90x156	156x156	117x156
Cell size Tolerance +/- 2%		+/- 2%	+/- 2%	+/- 2%	+/- 2%	+/- 2%
Creepage Distances	Cell to Cell	2	3	3	3	3
	Cell and Edge of Laminate(Longer V Side)	≥25mm	≥25mm	≥25mm	≥25mm	≥25mm
	Cell and Edge of Laminate(Shorter V Side)	≥10mm	≥10mm	≥10mm	≥10mm	≥15mm
Module Weight (kgs)		3.10	6.00	7.50	11.20	17.30
Module Weight Tolerance (+/-%)		5	5	5	5	5
Cell in series		36	36	36	36	72
Round Mounting Hole Dimension (mm)		6.9	6.9	6.9	6.9	6.9
Mounting Hole (X-Axis) (mm)		629	630	630	630	946
Mounting Hole (Y-Axis)(Distance between two Holes) (mm)		217.5	398	503	741.5	819.5
Mounting Hole Tolerance		(+/-1mm)	(+/-1mm)	(+/-1mm)	(+/-1mm)	(+/-1mm)
Junction Box	Width (mm)	60	100	100	130	110/114/114
	Height (mm)	60	90	90	98	127/110/120
	Thickness (mm)	19	24	24	24	30/26/20
	Polarity Marking	Yes	Yes	Yes	Yes	Yes
Diode Rating		6A	6A	10A	15A	15A
JB Tolerance		(+/-1mm)	(+/-1mm)	(+/-1mm)	(+/-1mm)	(+/-1mm)
Domestic Sale	Date of Manf. (Stamped)	Yes	Yes	Yes	Yes	Yes
	MRP (Printed)	3590/-	6690/-	8390/-	12490/-	
	Warranty Manual	Yes	Yes	Yes	Yes	Yes
Electrical parameters	Voc (V)	21.4	21.4	21.4	21.4	44.66
	Isc (A)	2.5	4.85	6.3	8.95	7.24
	PMax (W)	40	80	100	150	250
	Vpm (V)	17.7	17.7	17.7	17.7	35.96
	Ipm (A)	2.3	4.55	5.7	8.5	6.96
	Eff.(%)	13.83	15.09	14.93	15.19	15.53
Bottom "Su-Kam Solar" logo (in Su-Kam Blue) printing size (WxL in mm)		58.3*19.4	88*30	88*30	88*30	88*30
Back side "Su-Kam Solar" logo (in Su-Kam Blue) printing size (WxL in mm)		190*63.4	190*63.4	190*63.4	190*63.4	308.75*103.02
Tolerance (+/-5 mm)		(+/-5mm)	(+/-5mm)	(+/-5mm)	(+/-5mm)	(+/-5mm)
Verify the Bill of Material		Yes	Yes	Yes	Yes	Yes
Electrical Tolerance (+/- %)		3	3	3	3	3
Maximum System Voltage (V)		600	600	600	1000	1000
No. Of ply, Inner Carton		5	5	5	5	5
No. Of ply, Master Carton		7	7	7	7	7
Panels in Master Carton		5	5	5	5	4
RF ID		Yes	Yes	Yes	Yes	Yes