



▶ Solar Cells

▶ Solar Cells for Watches

Solar Cells

Amorphous solar cells are used for indoor and outdoor applications, especially in electronic commercial products.

"Custom design are welcome."

▶ Outdoor

▶ Indoor

Specifications

Vop: Operating Voltage





Iop: Operating current

Voc: Open Circuit Voltage

Isc: Short Circuit current

Outdoor Applications - under AM1.5(100mW/cm²) [Back](#)

Type Specifications	Dimension (mm)		Vop	Iop	Voc	Isc	Thickness
	(L)	(W)	(V)	(mA)	(V)	(mA)	(mm)
SC10018Z	99.6	18.0	6.5	8.3	9.0	11.0	2.0
SC-12439	124.5	39.3	15	12	18	15	2.0
SC-12654	126.3	54.3	15.5	12.0	22.0	15.0	2.0
SC-14573	145.0	72.5	15.5	24.0	22.0	34.0	2.0
SC-14595	145.0	95.0	6.5	80.0	9.0	100.0	2.0
SC14595AZ	145.0	95.0	7.5	60.0	11.0	78.0	2.0
SC145145Z	145.0	145.0	7.5	100.0	11.0	130.0	2.0
SC-14633	145.7	32.5	9.6	13.0	14.5	17.0	2.0
SC-15075	150.3	75.1	15.5	22.0	22.0	28.0	2.0
SC150150Z	150.0	150.0	7.2	110±10%	9.0	135.0	2.0
SC150300Z	150.0	300.0	9.5	165.0	13.5	205.0	2.0
SC-152152	152.4	152.4	7.2	120.0	9.0	150.0	2.0
SC-2520	25.0	20.0	3.0	5.0	3.90	6.5	2.0
SC-2723Z	27.0	23.5	2.0	8.0	2.6	10.0	2.0
SC-2724	26.5	23.5	4.0	4.0	5.0	5.0	2.0
SC290145Z	290.0	145.0	7.2	200.0	10.5	250.0	2.0
SC290145AZ	290.0	145.0	17.0	90.0	23.8	125.0	2.0
SC29574Z	295.0	74.0	14.5	55.0	20.0	68.0	2.0
SC-2913	29.2	13.2	3.0	3.5	4.2	4.5	2.0
SC-3030	29.9	30.0	5.5	3.0	7.1	4.0	2.0
SC-305305Z	304.8	304.8	17.0	177.0	25.0	22.0	2.0
SC-3111	31.2	10.8	4.5	2.0	5.4	2.6	1.1
SC3310Y	33.4	10.0	3.0	3.2	4.5	4.1	1.1
SC-3324Y-93	33.0	24.0	1.8	13.0	2.8	17.0	1.1
SC-3722Y	37.0	22.0	4.5	6.0	6.3	8.0	1.1
SC-4050	40.0	50.0	1.5	36.0	1.8	43.0	2.0
SC-4515	45.0	15.0	5.0	4.5	7.0	5.5	2.0

SC-4932	48.9	32.4	6.0	9.0	7.5	12.0	2.0
SC-4932-A	48.9	32.4	3.5	15.0	4.5	18.0	2.0
SC-5025	49.0	25.0	3.4	12.0	5.0	15.0	2.0
SC-5030	50.0	29.0	1.8	26.0	3.0	30.0	2.0
SC5523Z	55.0	23.0	3.5	11.0	5.2	14.0	2.0
SC5529Y	54.9	29.2	3.5	16.0	5.2	21.0	1.1
SC-5848	57.8	48.2	8.0	8.0	12.5	11.0	2.0
SC-6041	60.2	41.3	4.5	17.0	5.3	20.0	2.0
SC-6041-A	60.1	41.3	3.0	33.0	3.9	43.0	2.0
SC-6055	60.1	55.1	4.5	30.0	5.3	40.0	2.0
SC60110Z	60.0	110.0	2.5	88.0	4.0	110.0	2.0
SC-6961	69.0	61.0	7.5	14.0	12.0	17.0	2.0
SC7070Z 	70.0	70.0	3.0	55.0	4.2	80.0	2.0
SC-7024	69.8	24.2	4.8	10.0	6.0	14.0	2.0
SC-7035	70.2	35.0	4.0	18.0	5.0	25.0	2.0
SC-7055	70.0	55.0	6.0	22.0	8.0	30.0	2.0
SC7575AZ 	75.0	75.0	2.5	80.0	3.5	110.0	2.0
SC-7229	72.45	29.0	7.5	9.0	9.7	13.0	2.0
SC-8018	80.0	18.0	5.5	9.0	6.5	11.0	2.0
SC-8223Z	82.0	23.3	12.0	3.0	16.5	6.0	2.0
SC-8332	82.6	32.0	7.0	12.0	8.5	15.0	2.0
SC-9225	92.0	25.0	12.0	3.0	16.5	6.0	2.0
SC-9225-A	91.7	25.0	6.0	12.0	8.0	15.0	2.0
SC-9229	92.0	29.0	7.0	12.0	11.0	13.0	2.0
SC9595Z 	95.0	95.0	5.0	60.0	7.0	95.0	2.0
SC9595AZ 	95.0	95.0	4.0	75.0	5.6	105.0	2.0
SC-9726	96.6	26.0	7.0	12.0	9.5	18.0	2.0
SC-9728	96.8	28.0	6.0	15.0	7.0	20.0	2.0
SC-9758	96.6	58.0	4.5	38.0	5.5	45.0	2.0
SC-9758-A	96.6	58.0	7.0	25.0	8.5	32.0	2.0

Indoor Applications - under 200 Lux [Back](#)

Type Specifications	Dimension (mm)		Vop	Iop	Voc	Isc	Thickness
	(L)	(W)	(V)	(uA)	(V)	(uA)	(mm)
SS-1807	18.2	7.0	1.5	2.0	2.0	3.0	1.1
SS-1910	19.0	10.0	1.5	4.0	2.0	4.8	1.1
SS-1919	19.6	19.6	1.5	8.0	2.0	9.6	1.1
SS-2510	25.0	10.0	1.5	6.0	2.0	7.2	1.1
SS-2510DS	24.7	8.8	1.5	5.0	2.0	6.0	1.1
SS-2515	24.7	14.7	3.0	5.0	4.2	7.5	1.1
SS2724Y	27.0	24.0	3.6	6.0	4.4	9.0	1.1
SS-2997	29.4	96.6	1.8	55.0	2.3	62.0	1.1
SS-3012	29.6	11.8	1.5	8.0	2.0	9.5	1.1
SS-3012DS	29.6	10.0	1.5	7.0	2.0	8.5	1.1

SS-3111-A	31.4	10.8	3.0	5.0	3.5	6.0	1.1
SS-3124	31.2	23.6	2.2	9.4	3.0	11.0	1.1
SS-3310Y	33.4	10.0	3.0	4.7	3.8	5.6	1.1
SS-3514	35.1	13.7	1.5	11.5	2.0	14.0	1.1
SS-3813	38.0	12.5	1.5	11.5	2.0	14.0	1.1
SS-4111	41.2	11.0	3.0	3.5	3.8	3.8	1.1
SS-4595Y	45.0	95.0	0.45	470.0	0.55	517.0	1.1
SS-4909	48.5	9.0	3.0	5.0	4.4	7.0	1.1
SS-5314	53.0	13.8	1.5	13.5	2.0	16.0	1.1
SS-5314-A	53.0	13.8	3.0	11.0	3.6	14.0	1.1
SS-5514	55.0	13.5	1.8	15.0	2.3	18.0	1.1
SS-5516	55.0	15.5	3.0	12.5	3.6	15.5	1.1
SS-5520	55.0	20.0	3.0	14.0	4.0	17.0	1.1
SS-5541	55.0	40.5	1.8	50.0	2.2	60.0	1.1
SS-5649	56.1	48.6	3.5	36.0	4.4	39.0	1.1
SS-5816	57.8	16.0	5.0	3.0	6.0	5.0	1.1
SS-5816-A	58.7	16.6	1.5	20.0	2.2	24.0	1.1
SS5910	59.0	10.0	5.8	4.0	7.1	4.4	1.1
SS-6728	66.8	27.8	5.0	15.0	6.5	20.0	1.1
SS-6728-A	66.8	27.8	3.0	25.0	4.4	30.0	1.1
SS-9726	96.6	26.0	6.5	18.0	7.8	22.0	1.1
SS-9757	96.8	56.6	5.8	47.0	7.1	56.0	1.1
SS-9757-B	96.8	57.0	5.0	52.5	5.8	63.0	1.1
SS-9818Z	97.6	18.0	6.0	14.0	7.7	16.8	2.0

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