

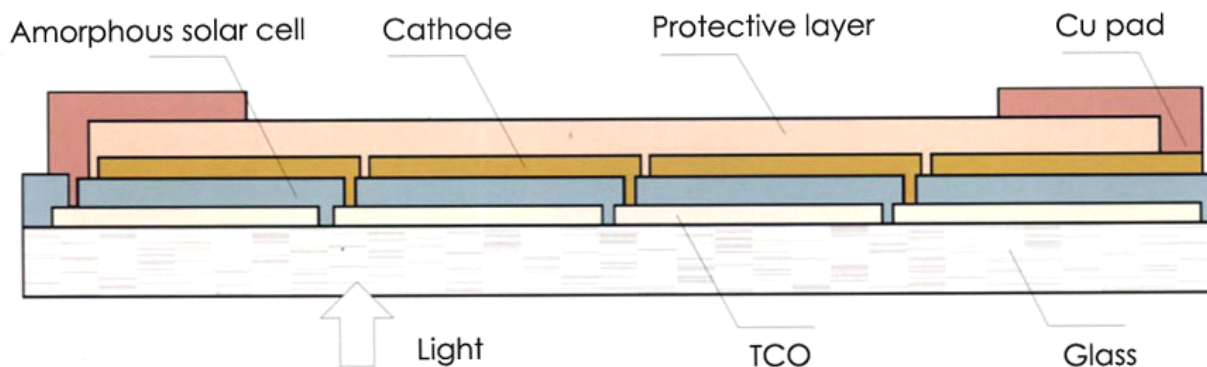
INDOOR SOLAR MODULES

FOR INNOVATIVE AUTARCHIC ELECTRONIC DEVICES

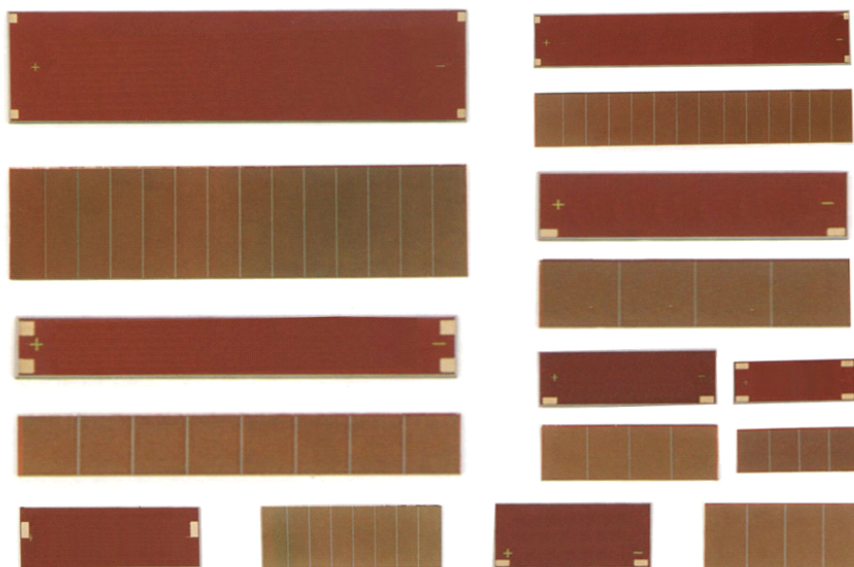
Amorphous silicon thin film cells are particularly suitable for indoor use. Our solar cells are widely used in many types of low power electronic devices, such as calculators and watches.

Our Company's cells are manufactured according to the specifications of the customer's application, which takes into consideration such factors as load resistance, voltage, electric current, etc. When designing our cells, we work closely with our customers to ensure that all customer requirements and performance needs are met.

Structure of Amorphous Solar Cell



Externals Drawing of Amorphous Solar Cells



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Indoor Solar Cell Application:

Clock, Watch, indoor sensor, radio, flashlight, cell phone charger, charger, calculator, lamp, toy, electric thermometer and other small electronic products, etc.

Specifications of Standard Amorphous Silicon Solar Cells

Item No.	Dimension (mm)	Open Circuit Voltage(V)	Short Circuit Current(uA)	Operating Voltage(V)	Operating Current(uA)	Illumination
KS-2510	24.8*9.7*1.1	2.0V	7uA	1.5V	5uA	200LUX
KS-3012	29.6*11.8*1.1	2.0V	10uA	1.5V	7uA	200LUX
KS-3813	37.8*12.4*1.1	2.0V	12.6uA	1.5V	9.5uA	200LUX
KS-3513	35*12.8*1.1	4.0V	6.5uA	3.0V	4.5uA	200LUX
KS-3514	34.7*13.6*1.1	2.0V	14uA	1.5V	10uA	200LUX
KS-3726	37*21.8*1.1	4.0V	11uA	3V	8uA	200LUX
KS-3722	37*21.8*1.1	4.5V	10uA	3.5V	7uA	200LUX
KS-4540	44.5*39.5*1.1	4.5V	25uA	3.5V	18uA	200LUX
KS-4045I	39.5*44.5*1.1	4.0V	25uA	3.0V	18uA	200LUX
KS-5514-4	54.8*13.5*1.1	2.0V	18.5uA	1.5V	13.5uA	200LUX
KS-5520-4	55*20*1.1	2.0V	25uA	1.5V	17.5uA	200LUX
KS-5520-8	55*20*1.1	4.0V	18.5 uA	3.0V	13uA	200LUX
KS-5515-0	54.9*14.9*1.1	4.0V	15uA	3.0V	11uA	200LUX
KS-5528	55*28*1.1	2.0V	40uA	1.5V	30uA	200lux
KS-5540	55*40*1.1	4.0V	28uA	3.0V	20uA	200LUX
KS-5560	55.1*60.1*1.1	4.5V	38uA	3.5V	28uA	200LUX
KS-5649	56.1*48.6*1.1	4.5V	33uA	3.5V	25uA	200LUX
KS-5832	58*32*1.1	2.0V	28uA	1.5V	21uA	200LUX
KS-6565	65*65*1.1	4.5	47uA	3.5	32uA	200LUX
KS-7215	72*15*1.1	6V	9uA	4.5V	6uA	200LUX
KS-26101I	100.7*25.7*1.1	6.5V	20uA	5.0V	14uA	200LUX
KS-28100	99.9*27.9*1.1	4V	34.8	3V	23.5uA	200LUX

Testing condition: Air Mass:AM1.5, Illuminance:≥200LUX, Temperature :25℃

Indoor “200LUX” means 6000K fluorescent spectrum

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- Dimension tolerance $\pm 0.2\text{mm}$
- Operating temperature: -20°C to 65°C ; Storage Temperature: -45°C to 85°C
- SGS Certificate
- All specifications are subject to change for product improvement without notice.

NOTE: The hereinbefore product datum and parameters is just to customers reference.

Their exact data are confirmed by the final technical files provided by solars-china.com

We also manufactures customized solar cells according to customer's specifications.

Examples For Applications



Solar Desk Clock Thermometer



Solar Wall Clock



Solar Electronic Scales



Solar



Solar Clock



Solar Sensor



Solar Electronic Scales



Solar Keyboard



Solar Calculator



Solar Flashlight



Solar Doll



Solar Watch

**Solars-china.com can support other applications product as well.
Contact your solars-china.com representative for consultation.**



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