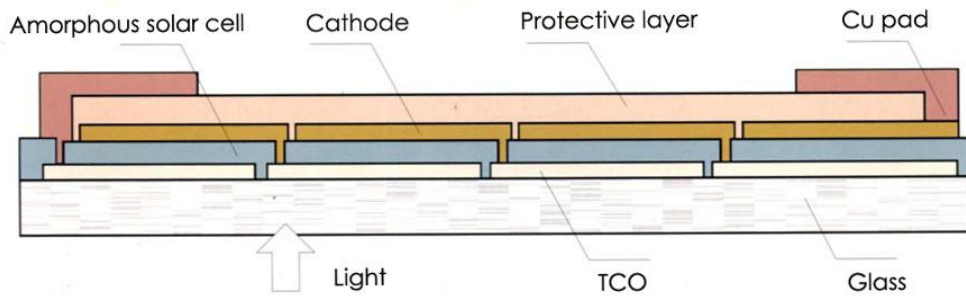


SOLUTION OF INDOOR SOLAR CELL APPLICATION

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



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	Open Circuit Voltage(V)	Short Circuit Current(mA)	Operating Voltage(V)	Operating Current(mA)	Illumination
KS-2510	24.8*9.7*1.1	2.0V	7uA	1.5V	5uA	200LUX
KS-3012	29.5*11.6*1.1	2.0V	10uA	1.5V	7uA	200LUX
KS-3513-8	34.8*12.8*1.1	4.0V	7uA	2.0V	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	3.0V	8uA	200LUX
KS-3722	37*21.8*1.1	4.5V	10uA	3.5V	7uA	200LUX
KS-3813	37.8*12.4*1.1	2.0V	15uA	1.5V	11uA	200LUX
KS-4045	44.5*39.5*1.1	4.0V	25uA	3.0V	12.5uA	200LUX
KS-5020	50*20*1.1	4.0V	13uA	3.0V	10uA	200LUX
KS-5514	54.8*13.5*1.1	2.0V	18.5uA	1.5V	13.5uA	200LUX
KS-5520	55*20*1.1	4.0V	15 uA	3.0V	11uA	200LUX
KS-5515	55*15.5*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	48uA	3.3V	26uA	200LUX
KS-5649-9	56.1*48.6*1.1	4.5V	31uA	3.5V	23uA	200LUX
KS-5649-8	56.1*48.6*1.1	4.0V	35uA	3.0V	24uA	200LUX
KS-5832	58*32*1.1	2.0V	46uA	1.5V	32uA	200LUX
KS-7215	72*15*1.1	6V	9uA	4.5V	6uA	200LUX
KS-26101	26*101*1.1	6.5V	26uA	5.0V	19.5uA	200LUX

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

Indoor "200LUX" means 6000K fluorescent spectrum

- Dimension tolerance ±0.2mm
- Operating temperature:-20°C to 65°C; Storage Temperature:-45°C to 85°C
- All specifications are subject to change for product improvement without notice.

Office Address:

N0.401,ZhongKang Pioneer Park,ZhongKang Road,
Futian District, ShenZhen City,Guangdong Province,China

Factory Address:

Longxi Hi-tech Industrial Park, Longcheng Road, Longgang
Town, ShenZhen City,Guangdong Province,China



CHINA SOLAR LTD

<http://www.solars-china.com>

<http://www.solars-china.net>

Tel: +86.755.8351 5659

Fax: +86.755.8271 6024

E-mail: market@solars-china.com

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

The final technical files provided by CHINA SOLAR LTD. We also manufactures customized solar cells according to customer's specifications.

Amorphous Solar Cell Application Example



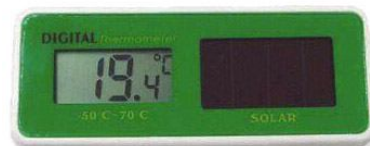
clock



Solar



files



Solar Calculator

Solar Flashlight

Solar Doll

Solar Watch

If you want to inquiry or place an order, Please send the inquiry or purchase order to us by email or fax, including model number, quantity and delivery address.



E-mail: market@solars-china.com

WEB: <http://www.solars-china.com>

Tel: +86 755 83515659

FAX: +86 755 82716024

Solar Technology Drives Your Life

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