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Amorphous Solar Panels

Model No.: KS-S3030S

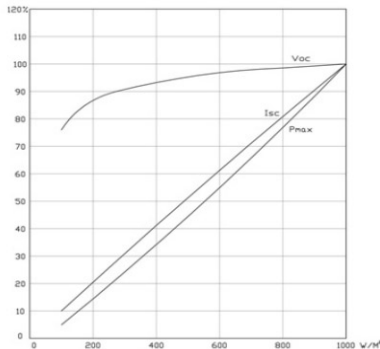
ELECTRICAL CHARACTERISTICS

Cell Type	A-Si thin film solar module
Norminal Power	Pmax=0.03W
Open Circuit Voltage	Voc=3.2V
Short Circuit Current	Isc=19.5mA
Voltage at Pmax	Vm=2.2V
Current at Pmax	Im=13.6mA
Temp.Coefficient/Pm	-(0.19±0.03)%/°C
Temp.Coefficient/Vm	-(0.34±0.04)%/°C
Temp.Coefficient/Im	(0.08±0.02)%/°C
STANDARD TEST CONDITIONS(STC:Irradiance 1000W/m ² , Module temperature 25 degrees centigrade,AM 1.5) Power Tolerance: ±5%	

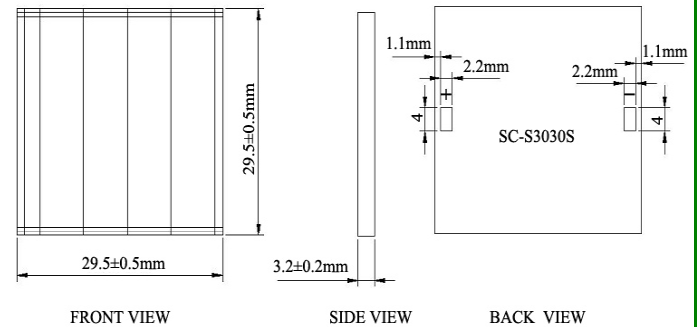
RELIABILITY STATISTICS

Operating Temperature Range	-40°C to +90°C
Storage Temperature Range	-20°C to +60°C
Humidity & Temperature Test	85°C & 75% humidity 1000h

PERFORMANCE & IRRADIANCE CURVE



DIMENSIONS



ITEM NO: KS-S3030S

H W T

29.5mm/1.16" 29.5mm/1.16" 3.2mm/0.12"

MECHANICAL SPECIFICATIONS

Dimensions(H*W*T) as above	29.5*29.5*3.2mm
Weight	6g
Front Cover	TCO Glass
Back Cover	PET
Frame	No
Output Lead Wire	Use 28AWG Stranded wire.80mm long

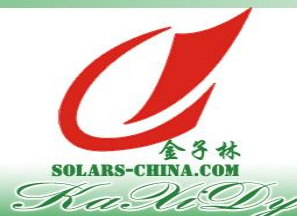
APPEARANCE SPECIFICATIONS

Delaminations or bubbles do not form a continuous path between any part of the electrical circuit and the edge of module
 No any cracks, scratch or perforation in the glass or the backsheet

THE TECHNICAL FILES PROVIDED BY CHINA SOLAR LTD

Design and specifications are subject to change without notice

Office Address:
 NO.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