

20W AMORPHOUS SILICON SOLAR MODULE

ELECTRICAL CHARACTERISTICS

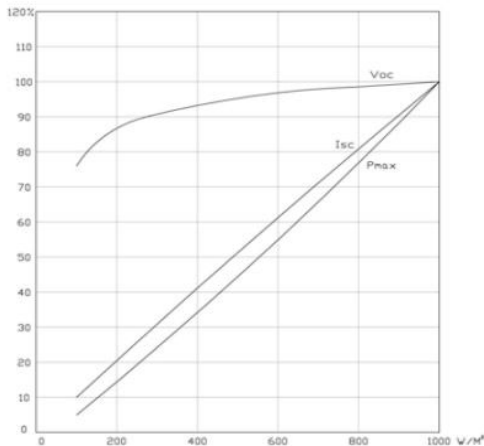
| | |
|-----------------------|-----------------------------|
| Cell Type | A-Si thin film solar module |
| Norminal Power | Pmax=20W |
| Open Circuit Voltage | Voc=26.7 |
| Short Circuit Current | Isc=1500mA |
| Voltage at Pmax | Vm=18V |
| Current at Pmax | Im=1100mA |
| Temp.Coefficient/Pm | -(0.19±0.03)%/°C |
| Temp.Coefficient/Vm | -(0.34±0.04)%/°C |
| Temp.Coefficient/Im | (0.08±0.02)%/°C |

STANDARD TEST CONDITIONS(STC:1000W/m²,25°C,AM 1.5 SPECTRUM TOLERANCE: ±10%)

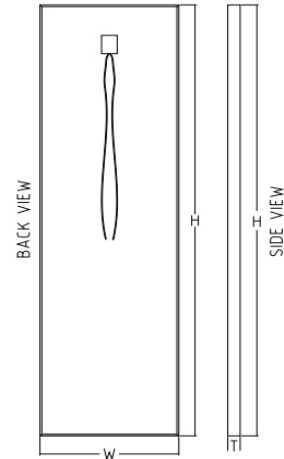
RELIABILITY STATISTICS

| | |
|--|---------------------------|
| Operating Temperature Range | -40°C to +90°C |
| Humidity & Temperature Test | 85°C & 85% humidity 1000h |
| Junction Box | IP65 rated |
| Outstanding performance under low light irradiance | |

PERFORMANCE & IRRADIANCE CURVE



DIMENSIONS



Item No: **KS-A20W**

| H | W | T |
|---------------|--------------|------------|
| 1275mm/50.19" | 385mm/15.26" | 26mm/1.02" |

MICHANICAL SPECIFICATIONS

| | |
|---------------------------|--------------------------|
| Dmensions(H*W*T) as above | 1275*385*26mm |
| Weight | 3.5kg |
| Front Cover | TCO Glass |
| Back Cover | PET |
| Frame | Sliver anodized aluminum |
| Output Lead Wire | Waterproof wire |

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 |

PROPERTY FOR SYSTEM DESIGN

| | |
|---|---|
| Series Fuse Rating | 2A |
| Maximum System Voltage | 600V |
| Module Life | 90% output for 10 years, 80% for 20 years |
| Recommended applications for Off-grid systems | |

Design and specifications are subject to change without notice

Office Address:
N0.601,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



Tel: +86.755.8351 5659
Fax: +86.755.8271 6024
Website: <http://www.solars-china.com>
Email: market@solars-china.com
MSN: market@solars-china.com
Skype: KAXIDY