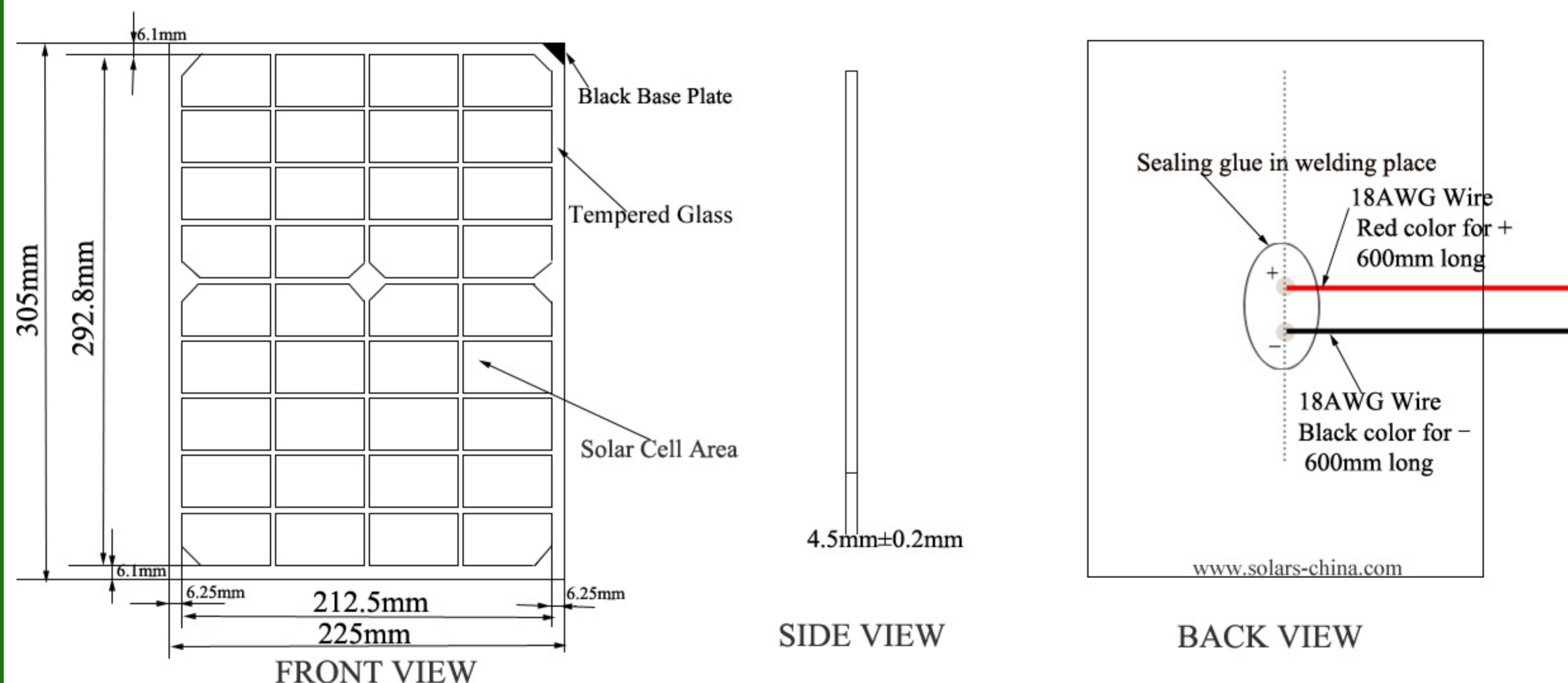


## 10W MONOCRYSTALLINE SOLAR PANEL



ITEM NO: **KS-M305225G**

### ELECTRICAL CHARACTERISTICS

Power	10W		
Operating Voltage	18V	Open Circuit Voltage	21.6V
Operating Current	555mA	Short Circuit Current	610mA
Type of solar cell	Monocrystalline Silicon		
Power Tolerance	±5%		
STC: Irradiance 1000W/m <sup>2</sup> , Module temperature: 25°C, AM=1.5			

### TEMPERATURE COEFFICIENTS

Nominal Operating Cell Temperature (NOCT): 45°C±2°C	
Temp. Coefficient of I <sub>sc</sub>	(0.045±0.01)%/°C
Temp. Coefficient of V <sub>oc</sub>	-(0.34±0.01)%/°C
Temp. Coefficient of Power	-(0.47±0.05)%/°C

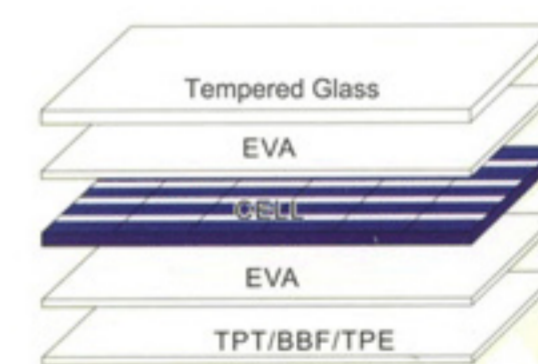
### TESTED OPERATING CONDITIONS

Max load	50psf 245kg/m <sup>2</sup> (2400)pascals
Hailstone impact	25mm(1inch) at 23m/s(52mph)
Operating Temperature	-40° C to + 85° C

### MECHANICAL SPECIFICATIONS

Dimensions	305×225×4.5mm
Encapsulation	Glass/EVA/Cells/EVA/TPT
Front Glass	Tempered Glass, thickness: 3.2mm
Frame	Without frame, without junction box
Output lead wire	With 18AWG solder wire
Efficiency	≥18%

### FIGURE OF STRUCTURE



### WARRANTIES

Power output more than 90% for 10years  
 Working life 15years

THE TECHNICAL FILES PROVIDED BY CHINA SOLAR LTD

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