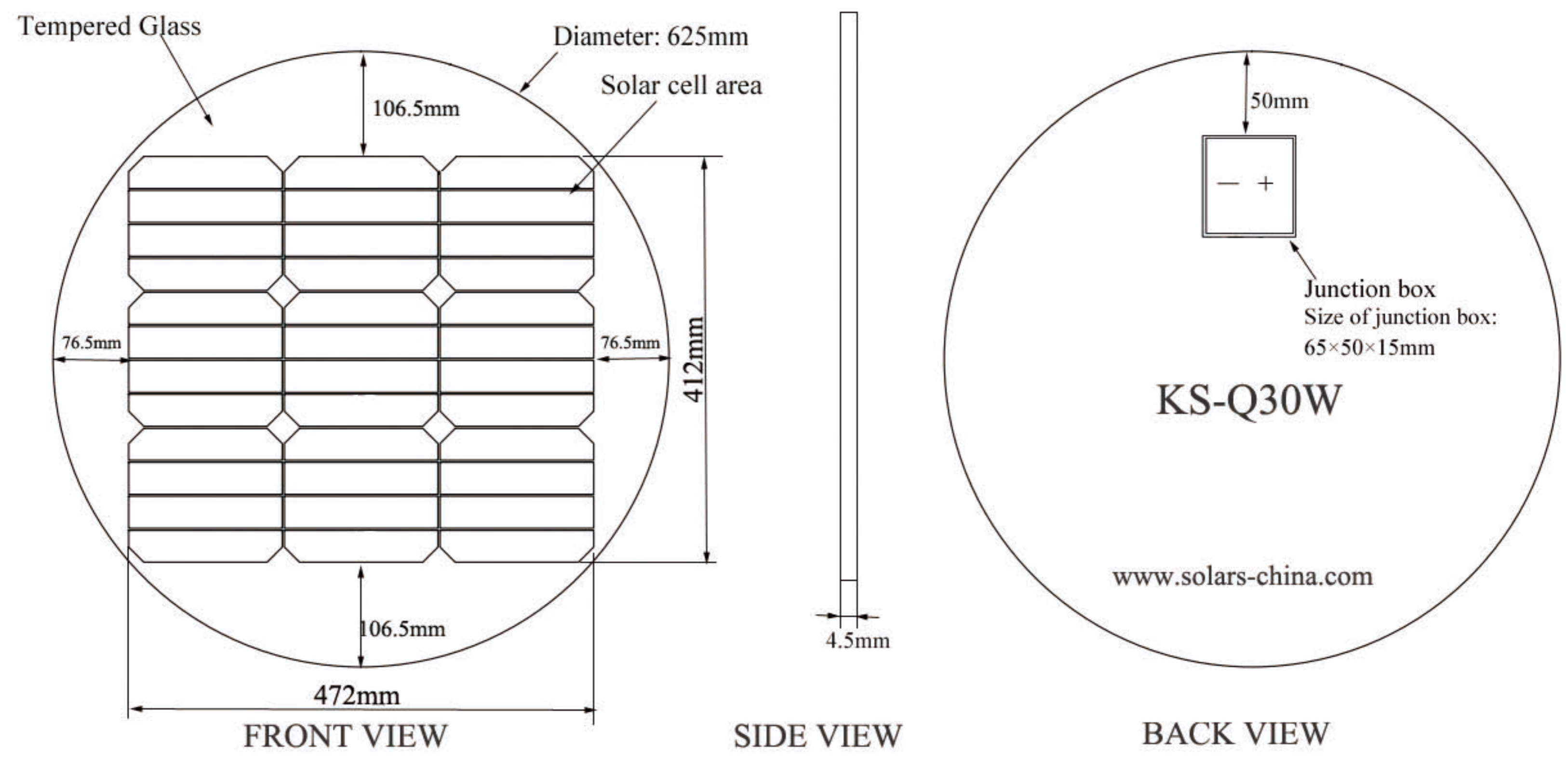
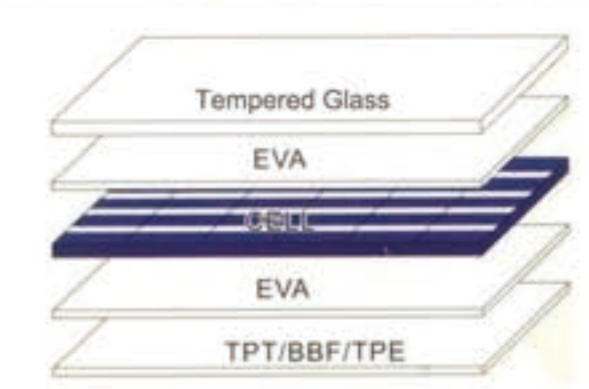


30W CIRCULAR SOLAR PANEL



ELECTRICAL CHARACTERISTICS			
Power	30W		
Operating Voltage	18V	Open Circuit Voltage	21.6V
Operating Current	1.67A	Short Circuit Current	1.82A
Type of solar cell	Monocrystalline Silicon Solar Cell		
Power Tolerance	±5%		
STC: Irradiance 1000W/m ² , Module temperature: 25°C, AM=1.5			
TEMPERATURE COEFFICIENTS			
Nominal Operating Cell Temperature (NOCT): 45°C±2°C			
Temp.Coefficient of Isc	(0.045±0.01)%/°C		
Temp.Coefficient of Voc	-(0.34±0.01)/°C		
Temp.Coefficient of Power	-(0.47±0.05)%/°C		
TESTED OPERATING CONDITIONS			
Max load	50psf 245kg/m ² (2400)pascals		
Hailstone impact	25mm(1inch) at 23m/s(52mph)		
Operating Temperature	-40° C to + 85° C		

MECHANICAL SPECIFICATIONS	
Dimensions	Diameter:625mm, Thickness:4.5mm
Encapsulation	Glass/EVA/Cells/EVA/TPT
Front Glass	Tempered Glass, thickness: 3.2mm
Frame	Without frame, With junction box
Efficiency	≥18%
Dimension Tolerance ±0.5mm	
FIGURE OF STRUCTURE	
	
WARRANTIES	
Power output more than 90% for 10years Power output more than 80% for 20years	

THE TECHNICAL FILES PROVIDED BY CHINA SOLAR LTD

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