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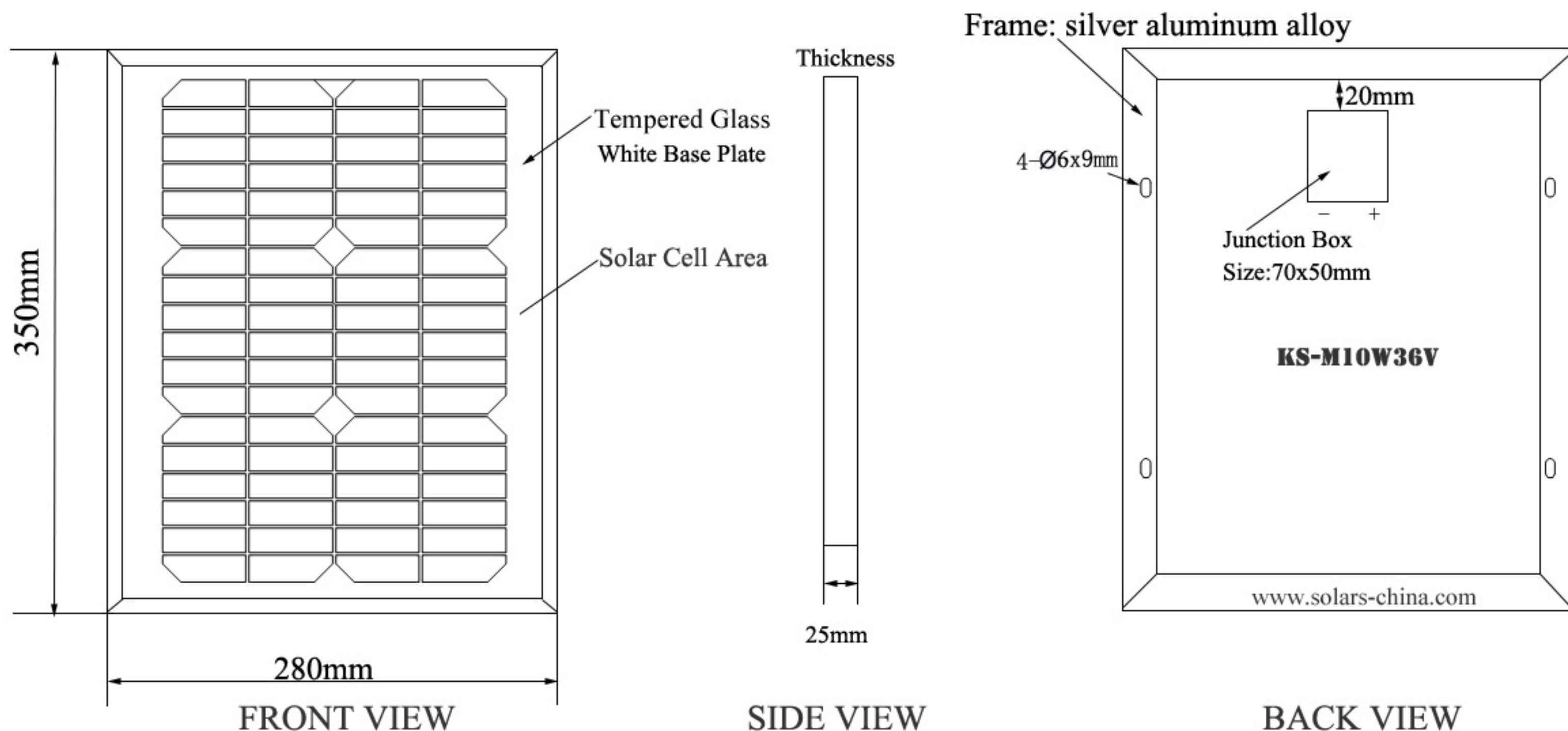


Solar Panel Guide

Specification Data Sheet

Learn more at energypal.com/best-solar-panels-for-homes

10W36V MONOCRYSTALLINE SOLAR PANEL



ITEM NO: KS-M10W36V

ELECTRICAL CHARACTERISTICS

Power	10W		
Operating Voltage	36V	Open Circuit Voltage	43.2V
Operating Current	277mA	Short Circuit Current	305mA
Type of solar cell	Monocrystalline Silicon		
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

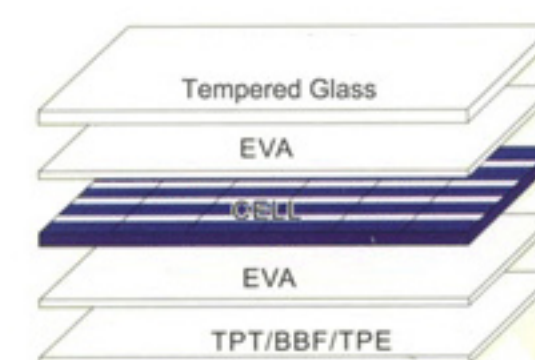
TESTED OPERATING CONDITIONS

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	350×280×25mm
Encapsulation	Glass/EVA/Cells/EVA/TPT
Front Glass	Tempered Glass, thickness: 3.2mm
Frame	Anodized aluminum alloy (Silver)
Output lead wire	Without solder wire, with junction box
Efficiency	≥17%

FIGURE OF STRUCTURE



WARRANTIES

Power output more than 90% for 10years
Power output more than 80% for 25years
Working life 25years

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