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Flexible Solar Panel

Model No.: KS-F27592

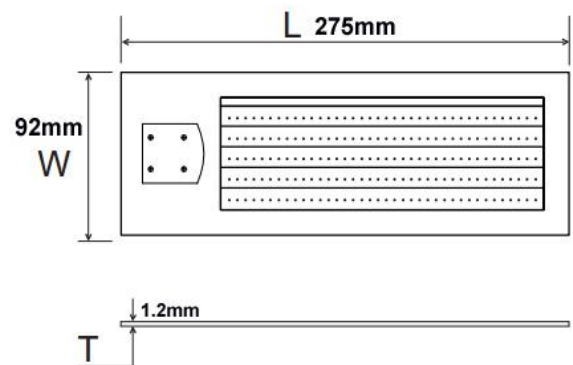
Performance under STC (1000W/m², AM1.5, 25°C)

Cell Type	a-Si + SiGe
Norminal Power	Pmax=0.85W
Open Circuit Voltage	Voc=8V
Short Circuit Current	Isc=190mA
Voltage at Pmax	Vm=5.9V
Current at Pmax	Im=144mA
STANDARD TEST CONDITIONS(STC:Irradiance 1000W/m ² , Module temperature 25 degrees centigrade,AM 1.5) Power Tolerance: ±3%	

Performance under NOCT (800W/m², AM1.5, 1m/sec wind)

Norminal Power	Pmax=0.64W
Open Circuit Voltage	Voc=7.3V
Short Circuit Current	Isc=150mA
Voltage at Pmax	Vm=5.5V
Current at Pmax	Im=120mA
NOCT	45°C
Temp.Coeffieient / PM	-0.21% / °C
Temp.Coeffieient / VOC	-0.35% / °C
Temp.Coeffieient / ISC	+0.08% / °C

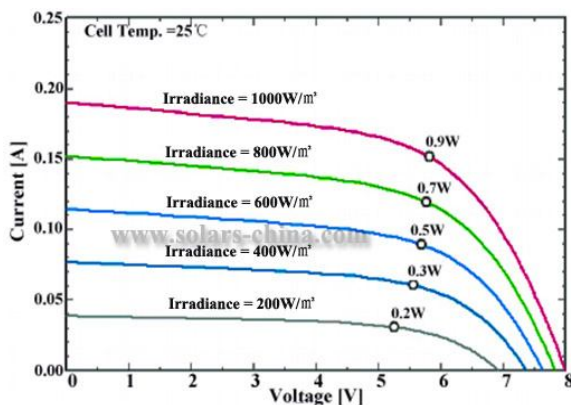
Dimensions



Mechanical Specifications

Dmensions(H*W*T) as above	275mmx92mmx1.2mm
Weight	32g
Front Cover	ETFE Film
Back Cover	ETFE Film
Junction box	IP 65

Performance & Irradiance Curves



Operating Conditions

Temperature Range	-40 to 45°C
Humidity & Temperature Test	85°C, 85% RH 1000h
Ingress Protection	IP65(J-BOX)
Outstanding performance under low light irradiance	

System Property

System Voltage	1000V
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Warranties

Power output more than 90% for 12years
 Power output more than 80% for 25years
 Work life: 25 years

THE TECHNICAL FILES PROVIDED BY CHINA SOLAR LTD

Design and specifications are subject to change without notice

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