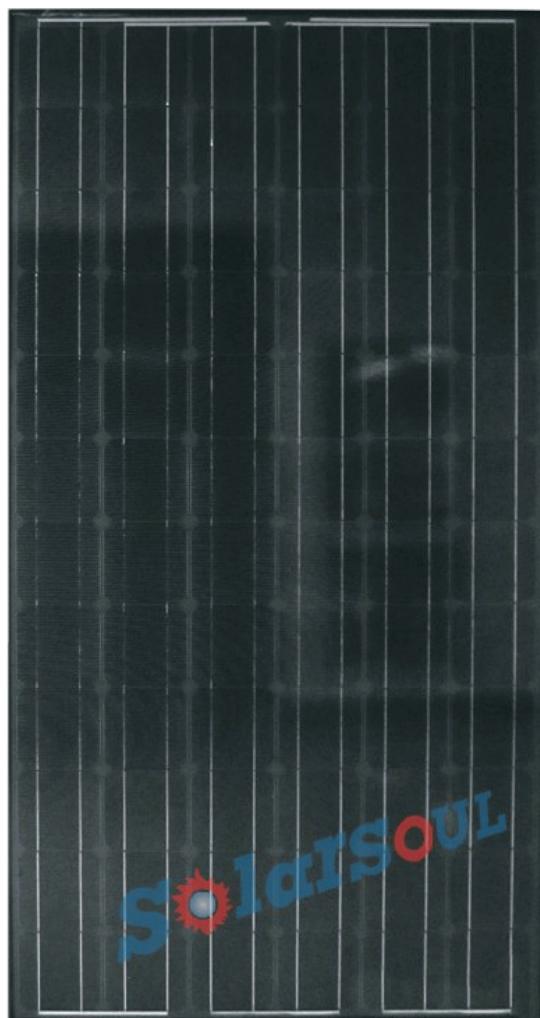


# Monocrystalline solar cell module

## GSM-270 GET AB



Solarsoul module supply the highest yield through optimally matched materials and sorting in tight performance classes. Tested source material, the most careful processing and the strictest test procedures guarantee the longevity of the modules. Solarsoul modules are exclusively manufactured in China.

The solar module Solarsoul GSM-270 GET AB for grid-connected plants connects Solarsoul's familiar high quality with efficient installation and an outstanding cost-performance ratio.

- >> Monocrystalline solar cells with a high conversion efficiency
- >> Frame with hollow chamber profile and drainage opening
- >> High mechanic stability and torsional strength
- >> Insulated and against reverse polarity protected connectors
- >> Cells and used materials are tested disengaged on the basis of test routines
- >> Quality test during all manufacturing steps
- >> 25 years warranty to power output acc. to Warranty Conditions



### 【NOMENCLATURE OF NAMES OF SOLARSOUL MODULES】

**G S M** - **2 7 0**

**TYPE OF CELLS**

GSA=amorphous silicon  
GSM=monocrystalline silicon  
GSP=polycrystalline silicon

**BENCHMARK FOR MODULE PERFORMANCE**

Nominal Power and performance class are specified in the data sheet

**GET**

**LAYER CONSTRUCTION**

E=EVA  
G=Glass  
K=Synthetics  
T=Tedlar-composite film

**A**

**FRAME**

A=Aluminium  
E=Stainless Steel  
L=Laminate (without frame)

**B**

**COLOR OF BACKSHEET**

W=White  
B=Black  
T=Transparency

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[www.hqsolarsoul.com](http://www.hqsolarsoul.com)

# Monocrystalline solar cell module

## GSM-270 GET AB

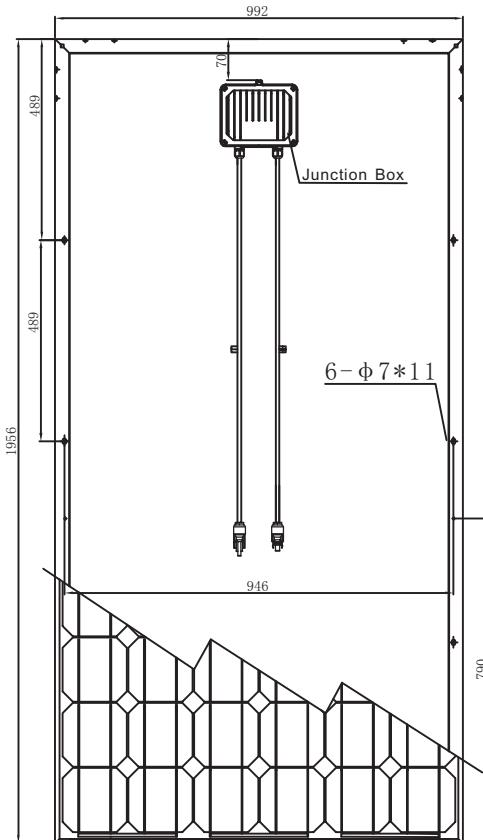
### Specifications

Cell	Monocrystalline silicon solar cells 156mm*156mm
No. Of Cells And Connections	72 (6*12)
Dimension Of Module (mm)	1956*992*50
Weight	23. 0kg

### Characteristics

Model	GSM-265 GET AB	GSM-270 GET AB	GSM-275 GET AB
Open Circuit Voltage (Voc)	44. 3V	44. 6V	44. 7V
Optimum Operating Voltage (Vmp)	34. 9V	35. 1V	35.3V
Short Circuit Current (Isc)	8. 17A	8. 28A	8. 31A
Optimum Operating Current (Imp)	7. 60A	7. 70A	7. 80A
Maximum Power at STC (Pm)	265W	270W	275W

The Electrical Characteristics are within  $\pm 3$  Percent of the indicated Values of Isc, Voc, and Pmax under Standard Test Conditions (Irradiance of 1000W/m<sup>2</sup>, AM 1.5 Spectrum and Cell Temperature of 25°C)



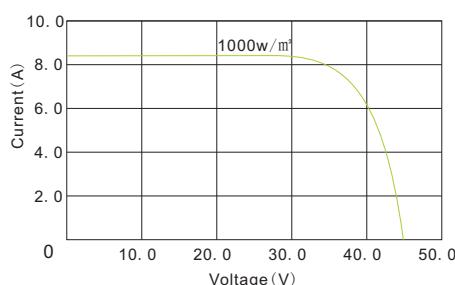
### Limits

Operating Temperature	-40 to +85°C
Maximum System Voltage	1000V DC

### Temperature and Coefficients

NOCT	46°C $\pm 2^\circ\text{C}$
Current Temperature Coefficient	%/K      0. 03 $\pm$ 0. 01
Voltage Temperature Coefficient	%/K      -(0. 35 $\pm$ 0. 01)
Power Temperature Coefficient	%/K      -(0. 47 $\pm$ 0. 03)

NOCT: Nominal Operation Cell Temperature



以上数据仅供参考，具体以我司实测数据为准。我司将不定期对数据进行升级，恕不另行通知。

The data is for reference and detailed information is available while testing is being done in our company. We will update without announcement in advance.