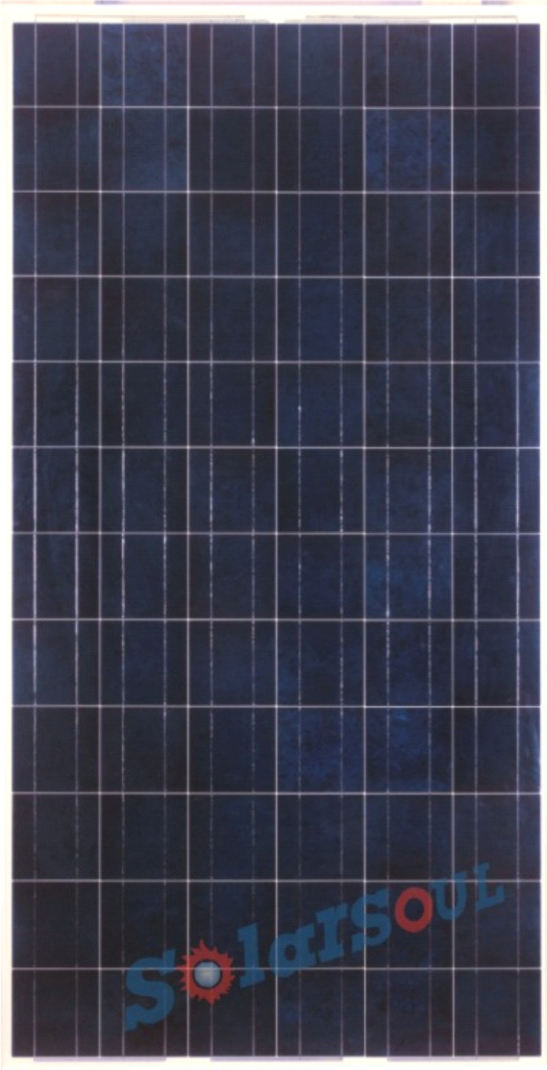


## Polycrystalline solar cell module GSP-285 GET AW



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 GSP-285 GET AW for grid-connected plants connects Solarsoul's familiar high quality with efficient installation and an outstanding cost-performance ratio.

- >> Polycrystalline 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】

<b>G S P</b>	-	<b>2 8 5</b>	<b>GET</b>	<b>A</b>	<b>W</b>
TYPE OF CELLS		BENCHMARK FOR MODULE PERFORMANCE	LAYER KONSTRUKTION	FRAME	COLOR OF BACKSHEET
GSA=amorphous silicon GSM=monocrystalline silicon GSP=polycrystalline silicon		Nominal Power and performance class are specified in the data sheet	E=EVA G=Glass K=Synthetics T=Tedlar-composite film	A=Aluminium E=Stainless Steel L=Laminate (without frame)	W=White B=Black T=Transparence

**Yuedong Road Paojiang Industrial Zone, Shaoxing City, Zhejiang Province, P. R. China.**  
Tel: +86-575-88209858 Fax: +86-575-88178369 www.hqsolarsoul.com

# Polycrystalline solar cell module

## GSP-285 GET AW

### Specifications

Cell	Polycrystalline 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	GSP-280 GET AW	GSP-285 GET AW	GSP-290 GET AW
Open Circuit Voltage (Voc)	44.5V	44.8V	45.0V
Optimum Operating Voltage (Vmp)	37.2V	37.5V	37.8V
Short Circuit Current (Isc)	8.06A	8.12A	8.19A
Optimum Operating Current (Imp)	7.53A	7.61A	7.68A
Maximum Power at STC (Pm)	280W	285W	290W

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°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.

