

**For a Free Quote:**

**Web: [EnergyPal.com/solar](http://EnergyPal.com/solar)**

**Call: 1-800-990-3725**

**Email: [contact@energypal.com](mailto:contact@energypal.com)**

# **EnergyPal**

## **Solar Panel Guide Specification Data Sheet**

**GermanSolar Asia Co., Ltd**

**GSAP6-110-125W**

**GSAP6-125W**

Also available on the web at  
[EnergyPal.com/germansolar-asia-co-ltd-solar-panels/gsap6-125w](http://EnergyPal.com/germansolar-asia-co-ltd-solar-panels/gsap6-125w)

Polycrystalline | GSAP6-110/115/120/125W



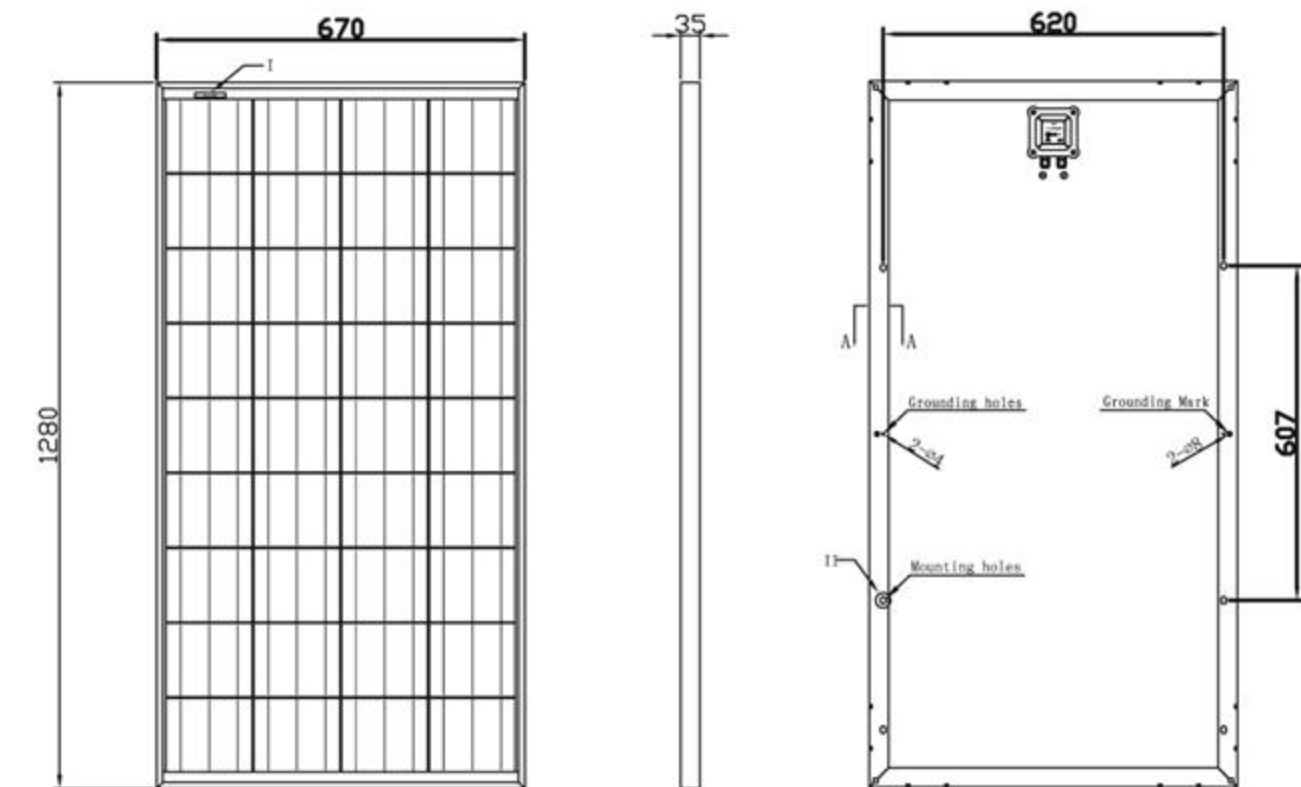
- Flash-data for every panel.
- Positive output sorting.
- Tight power tolerance  $\pm 3\%$ .
- Individual testing and surveying, quality assurance by permanent production control incl. EL-test.
- UV stabilized, aesthetically pleasing black anodized frame.
- Supported by major mounting structure manufacturers
- Chamfered frame—resulting in improved water drainage.
- The production facility and process comply with IEC standard 61215, 61730 and UL1703.

DESCRIPTION

Item	Module Type	Module Type			
		GSAP6-110W	GSAP6-115W	GSAP6-120W	GSAP6-125W
Maximum power	Pmax(W)	110W	115W	120W	125W
Tolerance	(%)	$\pm 3$	$\pm 3$	$\pm 3$	$\pm 3$
Open Circuit Voltage	Voc(V)	21.7	21.96	22	22.2
Short Circuit Current	Isc(A)	6.55	6.67	7.12	7.18
Maximum Power Voltage	Vmpp(V)	18.04	18.3	18.2	18.5
Maximum Power Current	Imp(A)	6.08	6.30	6.60	6.75
Module Efficiency	(%)	12.8	13.4	14	14.6
Solar Cell Efficiency	(%)	14.6	15.3	16.2	16.6
Cell Type	(mm)	156X156(Poly-Crystalline Silicon)			
Number of Cells	(Pcs)	36			
Maximum System Voltage	(V)	DC600			
Temp.Coeff.of Voc	(%/K)	-0.343			
Temp.Coeff.of Isc	(%/K)	0.075			
Temp.Coeff.of Pmax	(%/K)	-0.44			
Operating Temperature	(°C)	-40to85			
Nominal Operating Cell Tempera	(°C)	47 $\pm$ 2			
Max.Series Fuse	(A)	10			
Insulation	(M $\Omega$ )	50			
Wind Bearing	(Pa)	$\leq 5400$			
Pressure Bearing	(Pa)	$\leq 2400$			
STC(Stand Test Conditions)		1000W/m <sup>2</sup> AM=1.525°C			
Weight	(kg)	11			

Polycrystalline | GSAP6-110/115/120/125W

PHYSICAL CHARACTERISTICS Unit: mm



ELECTRICAL CHARACTERISTICS

