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EnergyPal

Solar Panel Guide Specification Data Sheet

GermanSolar Asia Co., Ltd

GSAP6-240-255W

GSAP6-240W

Also available on the web at
EnergyPal.com/germansolar-asia-co-ltd-solar-panels/gsap6-240w

Polycrystalline | GSAP6-240/245/250/255W 4BB

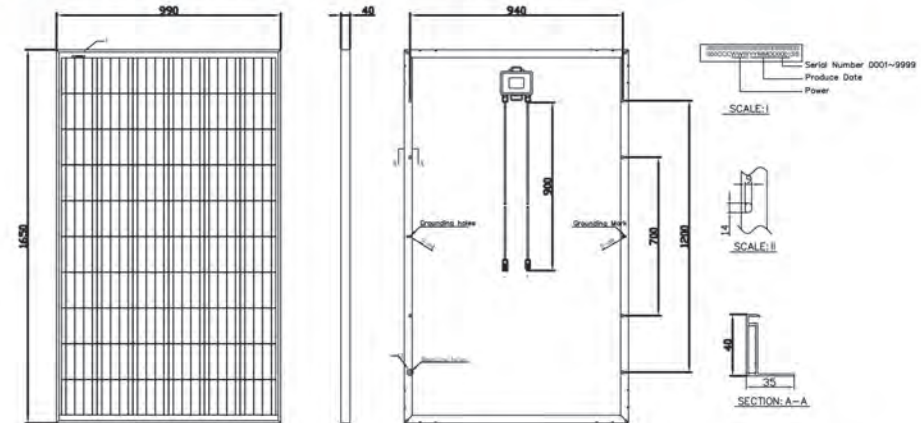


- Flash-data for every panel.
- Positive output sorting.
- Tight power tolerance±3%.
- Individual testing and surveying, quality assurance by permanent production control incl. EL-test.
- UV stabilized, aesthetically pleasing black anodized frame.
- Supported by major mounting structure manufacturers
- Chamfered frame—resulting in improved water drainage.
- Obtained TUV 61730, UL1703 and MCS such international certifications.

DESCRIPTION

Item	Module Type				
Maximum power	Pmax(W)	240W	245W	250W	255W
Tolerance	(%)	±3	±3	±3	±3
Open Circuit Voltage	Voc(V)	37.32	37.50	37.74	37.86
Short Circuit Current	Isc(A)	8.41	8.53	8.63	8.69
Maximum Power Voltage	Vmpp(V)	30.54	30.78	31.14	31.32
Maximum Power Current	Imp(A)	7.85	7.98	8.06	8.16
Module Efficiency	(%)	14.70	15.00	15.30	15.60
Solar Cell Efficiency	(%)	17.30	17.70	18.00	18.40
Cell Type	(mm)	156×156(Poly-Crystalline Silicon)			
Number of Cells	(Pcs)	60			
Maximum System Voltage	(V)	DC1000			
Temp.Coeff.of Voc	(mV/K)	-2.08			
Temp.Coeff.of Isc	(mA/K)	4.58			
Temp.Coeff.of Pmax	(%/K)	-0.40			
Operating Temperature	(°C)	-40to85			
Nominal Operating Cell Temperature(NOCT)	(°C)	47±2			
Max.Series Fuse	(A)	10			
Insulation	(MΩ)	50			
Wind Bearing	(Pa)	≤5400			
Pressure Bearing	(Pa)	≤2400			
STC(Stand Test Conditions)		1000W/㎡ AM=1.5 25°C			
Weight	(kg)	19			

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PHYSICAL CHARACTERISTICS Unit: mm



ELECTRICAL CHARACTERISTICS

