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Solar Panel Guide Specification Data Sheet

GermanSolar Asia Co., Ltd

GSAP6-65-75W

GSAP6-70W

Also available on the web at
EnergyPal.com/germansolar-asia-co-ltd-solar-panels/gsap6-70w

Polycrystalline | GSAP6-65/70/75W



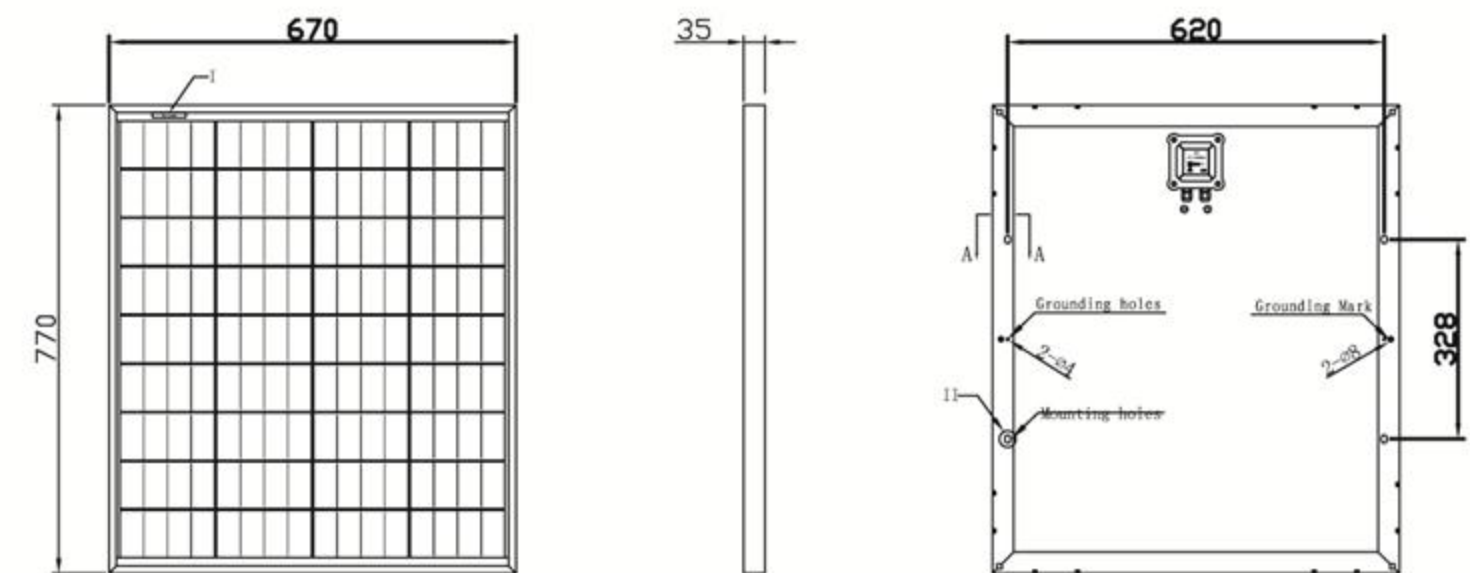
- Flash-data for every panel.
- Positive output sorting.
- Tight power tolerance $\pm 3\%$.
- Individual testing and surveying, quality assurance by permanent production control incl. EL-test.
- UV stabilized, aesthetically pleasing black anodized frame.
- Supported by major mounting structure manufacturers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

DESCRIPTION

Item		Module Type		
		GSAP6-65W	GSAP6-70W	GSAP6-75W
Maximum power	Pmax(W)	65W	70W	75W
Tolerance	(%)	± 3	± 3	± 3
Open Circuit Voltage	Voc(V)	21.9	22	22.3
Short Circuit Current	Isc(A)	3.84	4.15	4.26
Maximum Power Voltage	Vmpp(V)	18.1	18.2	18.7
Maximum Power Current	Impp(A)	3.60	3.85	4.00
Module Efficiency	(%)	12.6	13.6	14.5
Solar Cell Efficiency	(%)	14.8	16.2	17.1
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 Ω)	50		
STC(Stand Test Conditions)		1000W/m ² AM=1.525°C		
Weight	(kg)	6.7		

Polycrystalline | GSAP6-65/70/75W

PHYSICAL CHARACTERISTICS Unit: mm



ELECTRICAL CHARACTERISTICS

