Polycrystalline | GSAP6-140/145/150/155W 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)	140W	145W	150W	155W
Tolerance	(%)	±3	±3	±3	±3
Open Circuit Voltage	Voc(V)	21.90	22.32	22.72	22.90
Short Circuit Current	Isc(A)	8.29	8.31	8.44	8.57
Maximum Power Voltage	Vmpp(V)	18.18	18.65	18.90	19.12
Maximum Power Current	Impp(A)	7.70	7.82	7.97	8.16
Module Efficiency	(%)	14.20	14.70	15.20	15.70
Solar Cell Efficiency	(%)	16.80	17.40	18.00	18.60
Cell Type	(mm)	156×156(Poly-Crystalline Silicon)			
Number of Cells	(Pcs)	36			
Maximum System Voltage	(V)	DC600			
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	(℃)	-40to85			
Nominal Operating Cell Temperature(NOCT)	(℃)	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℃			
Weight	(kg)	12.7			

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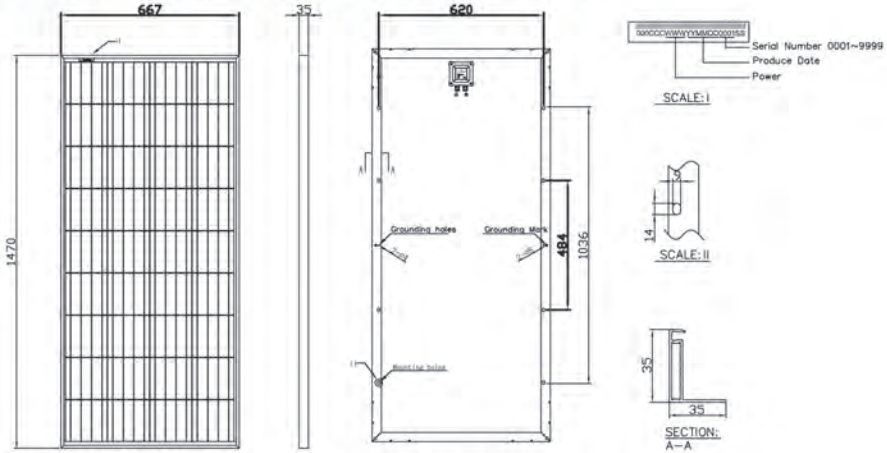
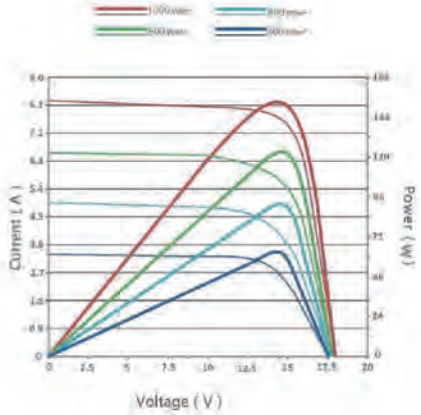
PHYSICAL CHARACTERISTICS Unit: mm



ELECTRICAL CHARACTERISTICS

Current-Voltage & Power-Voltage Curves



Temperature Dependence of Isc,Voc,Pmax