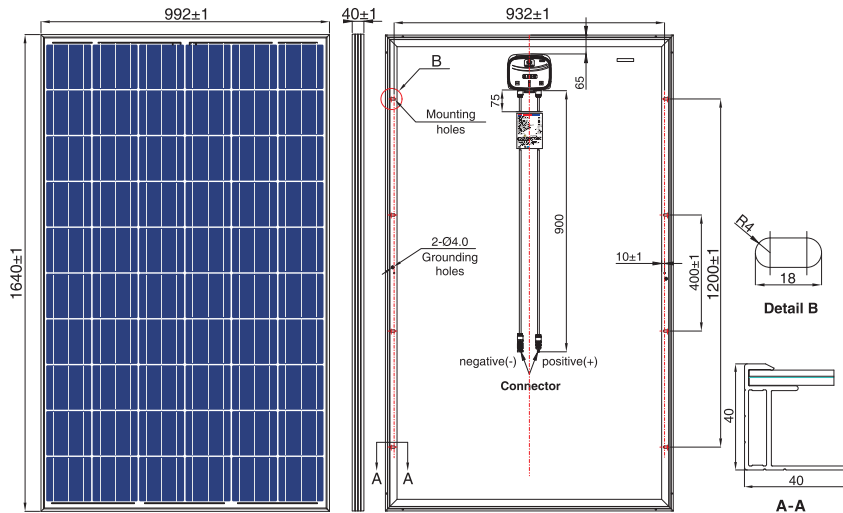
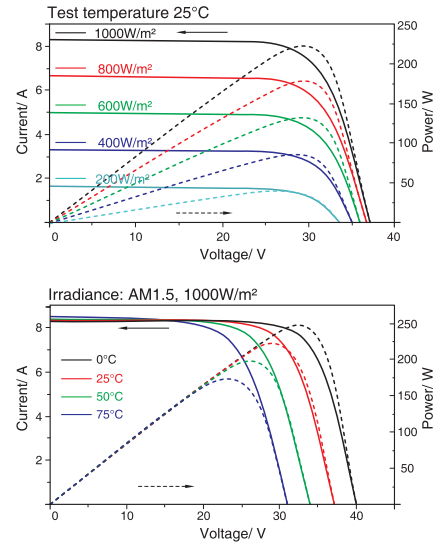


SUNGEAS MODULES - SG-P300W



I-V CURVE



MECHANICAL PARAMETERS

Cell Type(mm)	Poly 156 x 156
NO. of Cells and Connections	72 (6 x 12)
Dimensions(L*W*H) (mm)	1957 x 992 x 50
Cable Length (mm)	900/1000
Weight(kg)	22.5
NO. of Diodes	3
Container 20' /40' /40' H (Pc)	200/440/506

WORKING CONDITION

Maximum System Voltage(V)	1000V DC
Operating Temp(°C)	-40 ~ +85
Max. Wind Load(Pa)	2400
Max. Snow Load(Pa)	5400
Application Class	Class A

ELECTRICAL PARAMETERS

Module Series	SG-P300W				
Power Range Pm(W)	300				
Max. Power Voltage Vmp(V)	36.5				
Max. Power Current Imp(A)	8.22				
Open Circuit Voltage Voc(V)	45.3				
Short Circuit Current Isc(A)	8.79				
Module Efficiency(%)	15.46				
Power Tolerance	0~+5W				
Temperature Coefficients of γ Pmp	-0.40%/K				
Temperature Coefficients of β Voc	-0.31%/K				
Temperature Coefficients of α Isc	+0.055%/K				
Max. Over-Current(A)	15				

GUARANTEE

10-year limited product warranty

Limited performance warranty: 10years at 90% of the minimal rated power output, 25 years at 80% of the minimal rated power output.