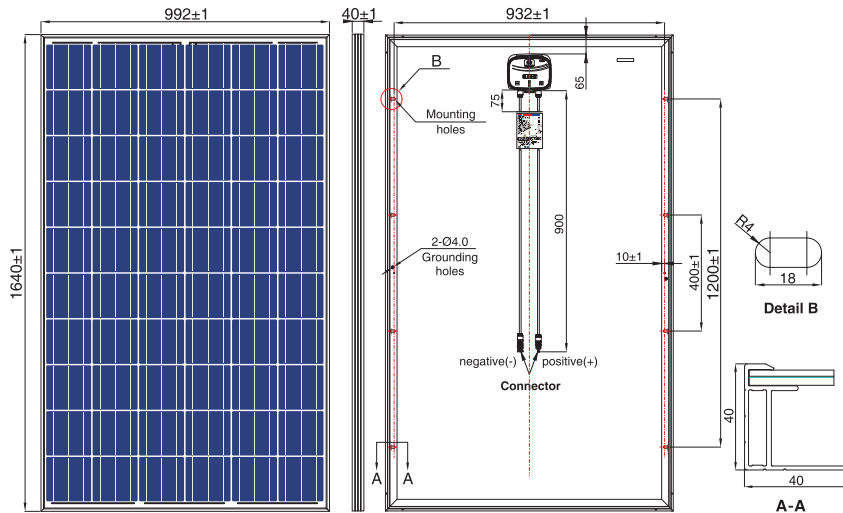
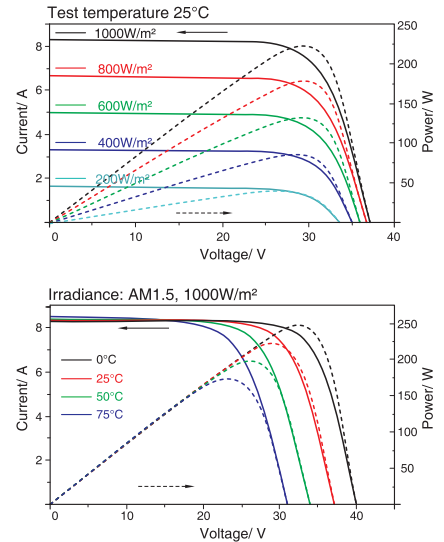


# SUNGEAS MODULES - SG-P250W - SG-P255W



## I-V CURVE



## MECHANICAL PARAMETERS

Cell Type(mm)	Poly 156×156
NO. of Cells and Connections	60(6×10)
Dimensions(L*W*H) (mm)	1640×992×40
Cable Length (mm)	900
Weight(kg)	19
NO. of Diodes	3
Container 20' /40' /40' H (Pc)	324/756/840

## 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-P255W	SG-P250W			
Power Range Pm(W)	255	250			
Max. Power Voltage Vmp(V)	30.5	30.5			
Max. Power Current Imp(A)	8.42	8.20			
Open Circuit Voltage Voc(V)	37.8	37.8			
Short Circuit Current Isc(A)	8.95	8.85			
Module Efficiency(%)	15.67	15.37			
Power Tolerance	0~+5W				
Temperature Coefficients of $\gamma$ Pmp	-0.40%/K				
Temperature Coefficients of $\beta$ Voc	-0.31%/K				
Temperature Coefficients of $\alpha$ 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.