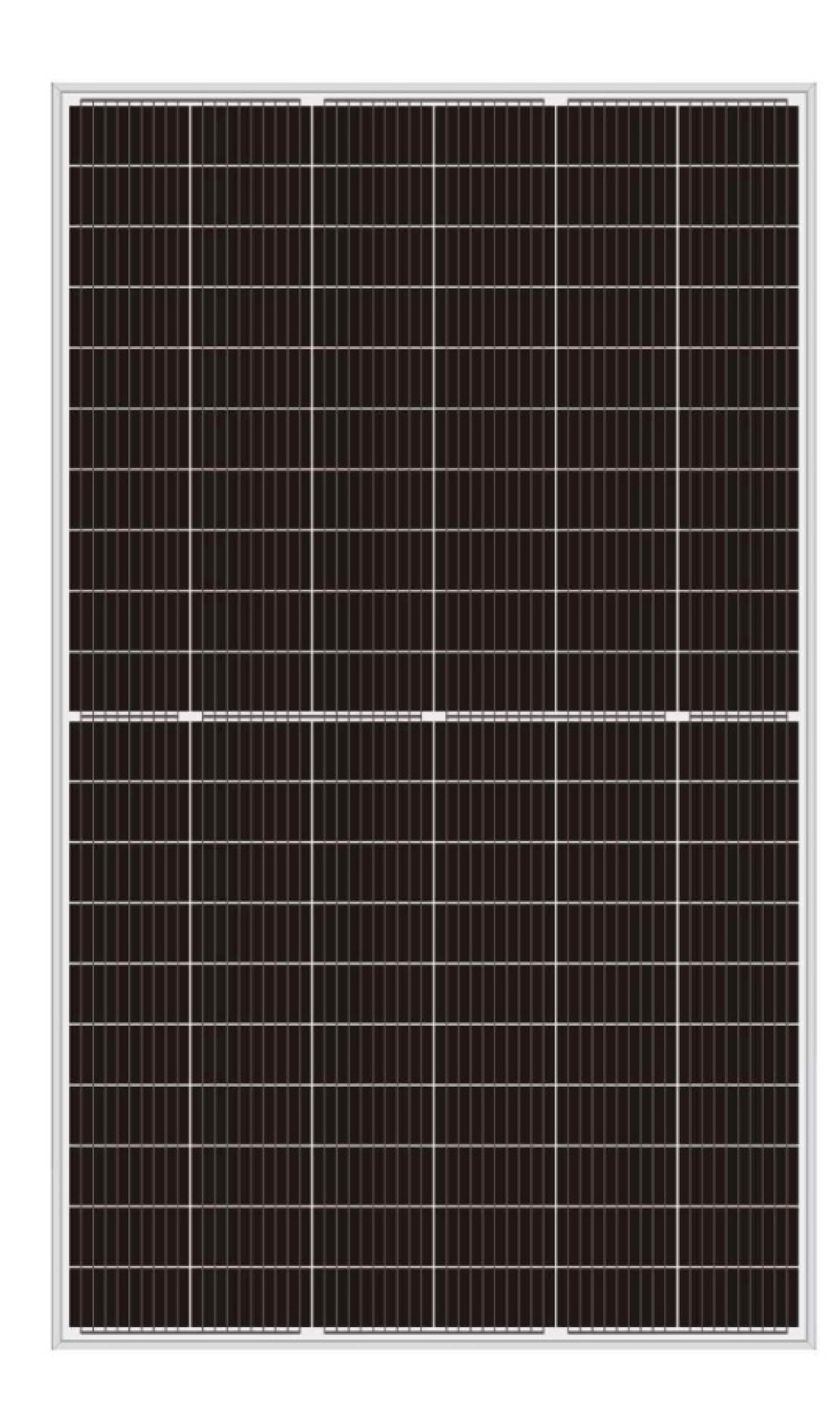


SW360IVI-120

Half Cell Monocrystalline 120 Cells 340W-360W



















Reliable Quality

Positive power tolerance: 0~+5W

100% EL Double-inspection ensures modules are defects free

Modules Binned by Current to improve system performance

Potential induced Degradation (PID) Resistant

Mono Solar Panel Features



Widely using of the most popular and mature type of modules for solar system



High power output and highest conversion efficiency of 21.03%

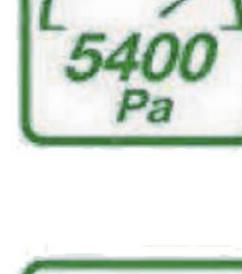


Anti-reflective and anti-soiling surface reduces power loss from dirt and dust

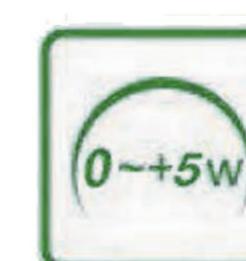


environments

Outstanding Performance in low-light irradiance



Excellent mechanical load resistance: Certified to withstand high wind loads (2400Pa) and Snow loads (5400Pa)

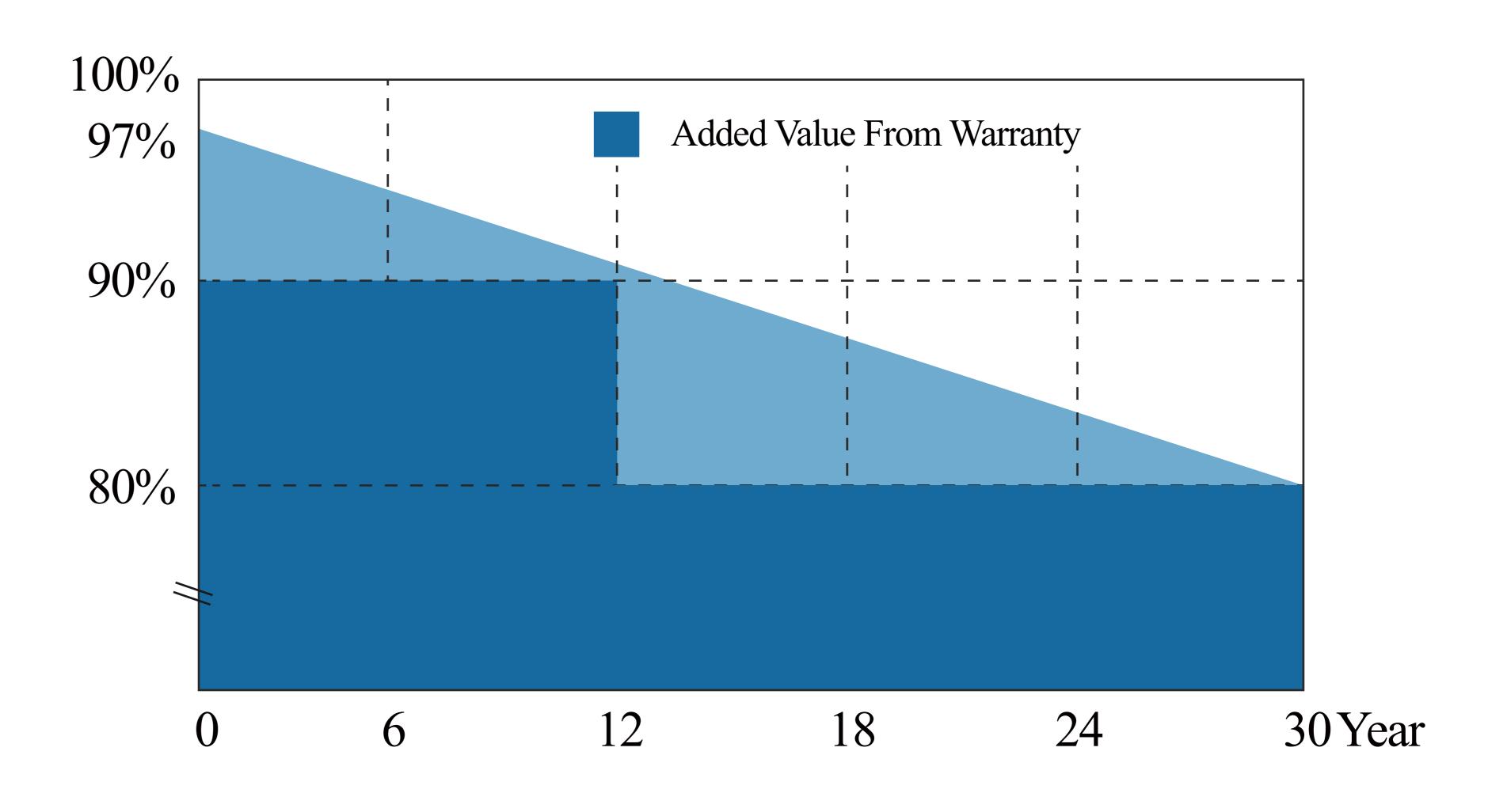


Positive power tolerance: 0~+5W

Warranty

12 years for product defects in materials & workmanship 12 years for 90% of warranted minimum power output 30 years for 80% of warranted minimum power output

30 years liner warranty





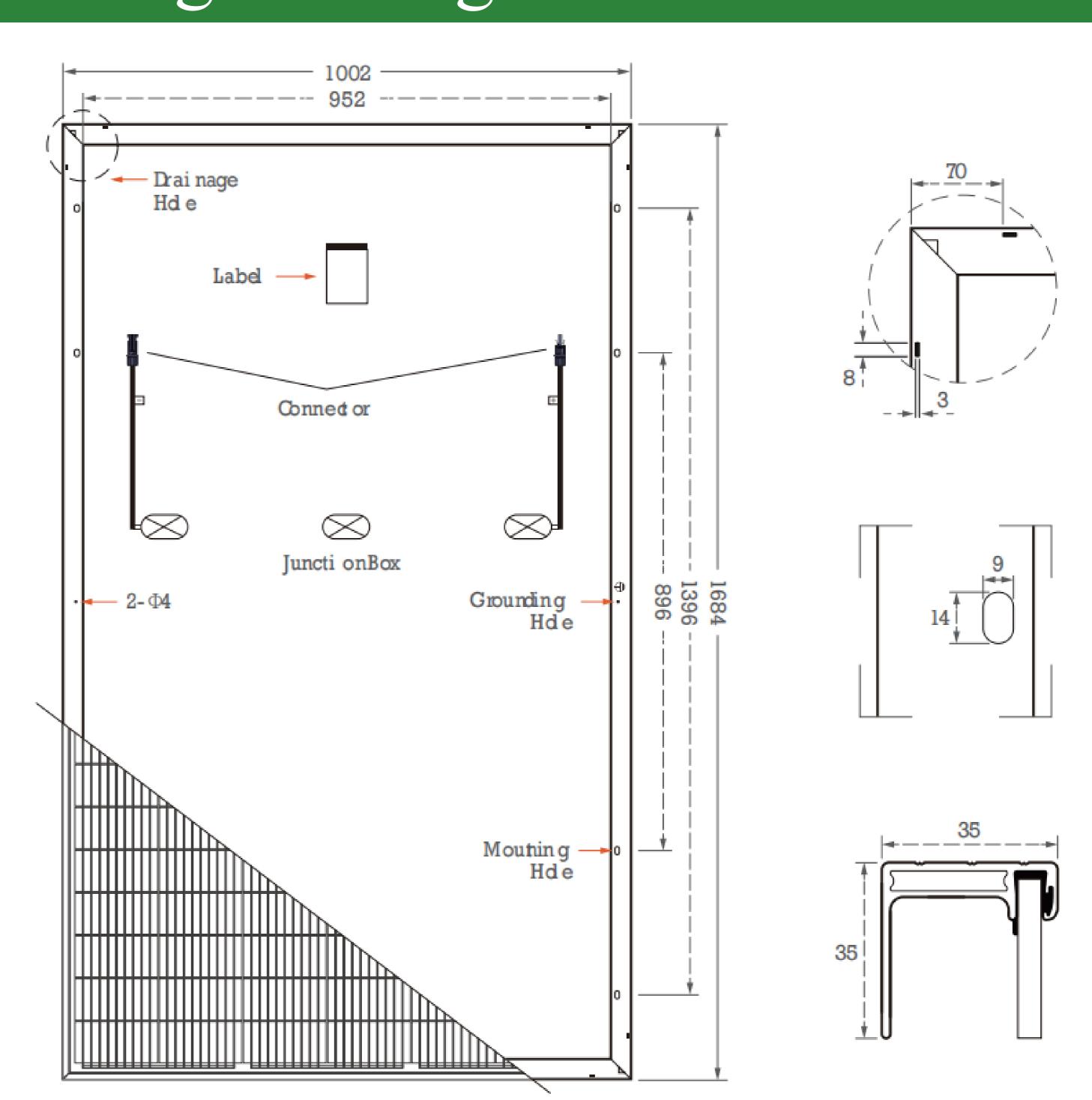
Mechanical parameters

Cell(mm)	Mono 158.75*79.375mm	
Weight(kg)	19.5kg	
Glass Thickness	3.2mm	
Dimensions (L*W*H)(mm)	1684*1002*35mm	
Cable Cross Section Size (mm²)	4	
Cable Cross Section Length (mm)	300	
No.of Cells and Connections	120(6*20)	
Junction Box	IP67/IP68,3 Diodes	
Connector	MC4 Compatiple	

Working Conditions

Maximum System Voltage	DC 1000V/1500V		
Operating Temperature	-40 °C ~ +85 °C		
Maximum Series Fuse	20A		
Maximum Static Load, Front (e.g., snow and wind)	5400Pa (112 lb/ft²)		
Maximum Static Load, Back (e.g., wind)	2400Pa (50 lb/ft²)		
NOCT	45±2 °C		
Positive power tolerance	$0\sim +5W$		
Application Class	Class A		

Engineering Drawings



Packaging Configuration

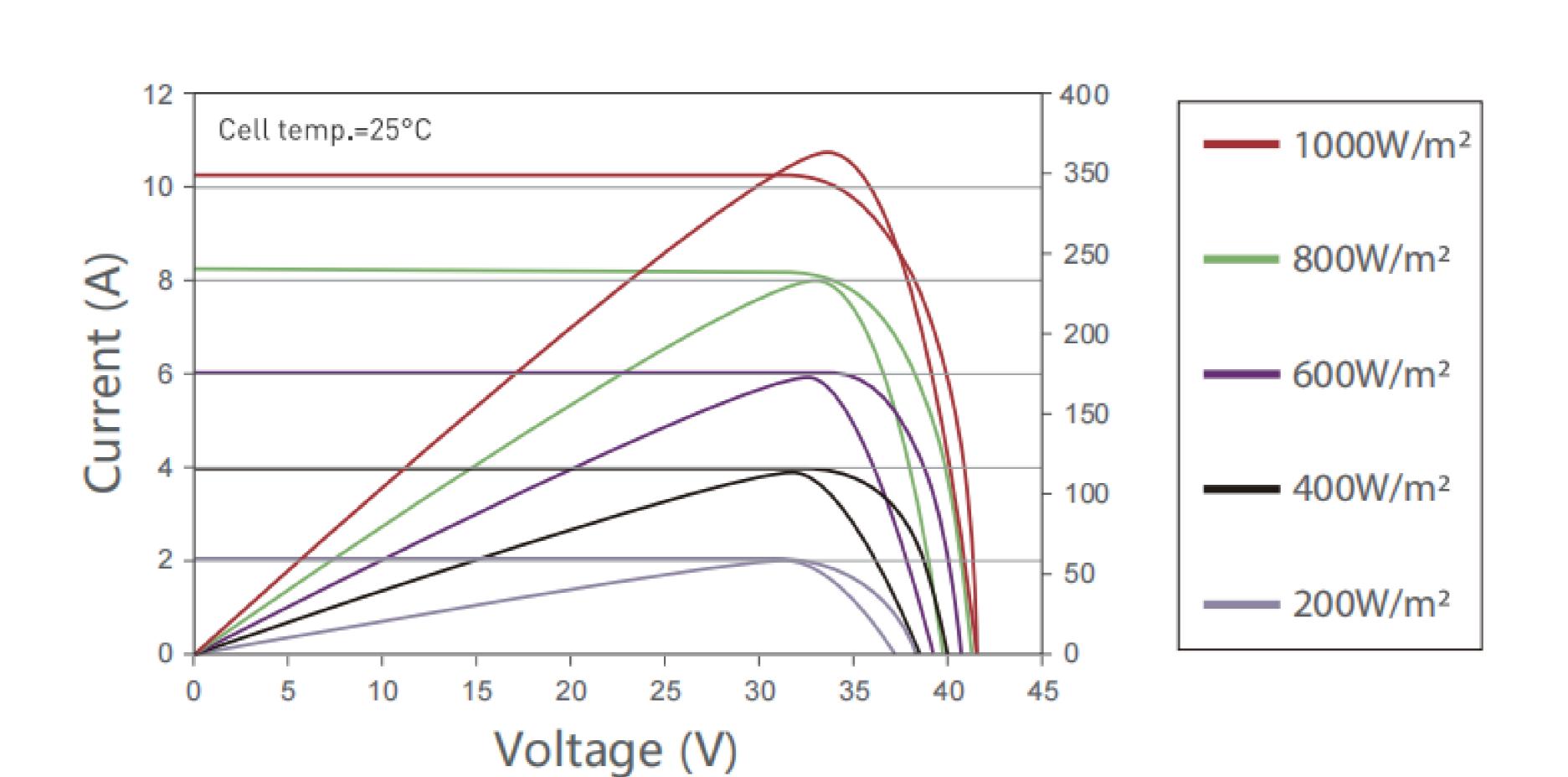
Moduels Per Pallet	30Pcs
Moduels Per 40HQ	858Pcs

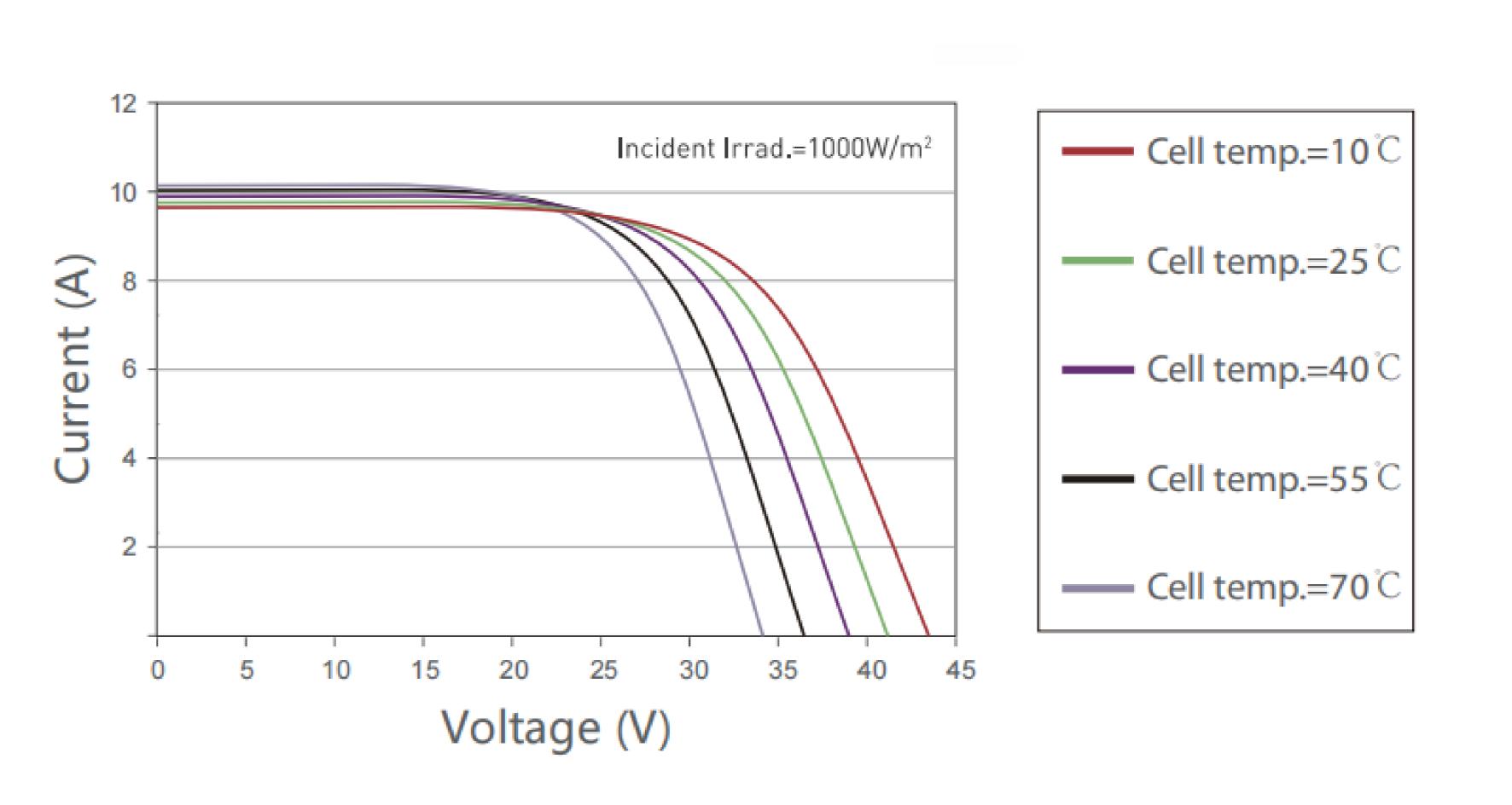
Flectrical Parameters

Electrical Parameters				
Module	SW340M-120 ~ SW355M-120 Class/Eva/Cell/Eva/Backsheet			
Encapsulation				
Maximum Power Pmax (W)	340	345	350	360
Maximum Power Voltage (Vmp/V)	34.52	34.88	35.24	35.96
Maximum Power Current (Imp/A)	9.85	9.89	9.93	10.02
Open Circuit Voltage (Voc/V)	40.98	41.25	41.52	42.06
Short Circuit Current (Isc/A)	10.28	10.32	10.36	11.64
Module Efficiency (%)	20.14	20.44	20.94	21.42
Power Tolerance (W)	$0\sim +5\mathrm{W}$			
Temperature Coefficient of Isc (αIsc)	+0.06%/°C			
Temperature Coefficient of Voc (βVoc)	-0.30%/°C			
Temperature Coefficient of Pmax (γPmp)	-0.38%/°C			

I-V Curve

STC





Irradiance 1000W/m², Cell Temperature 25°C, Spectrum AM 1.5