

SW360IVI-60

Monocrystalline 60 Cells 320W-360W



Mono Solar Panel Features



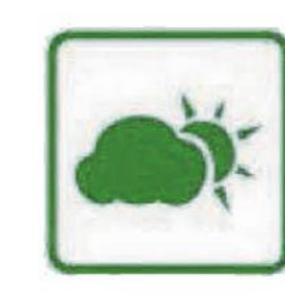
Widely using of the most popular and mature type of modules for solar system



High power output and highest conversion efficiency of 21.58%

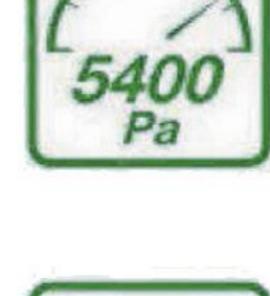


Anti-reflective and anti-soiling surface reduces power loss from dirt and dust

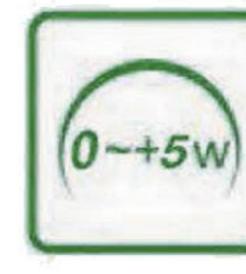


environments

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











Reliable Quality

Positive power tolerance: 0~+5W



100% EL Double-inspection ensures modules are defects free

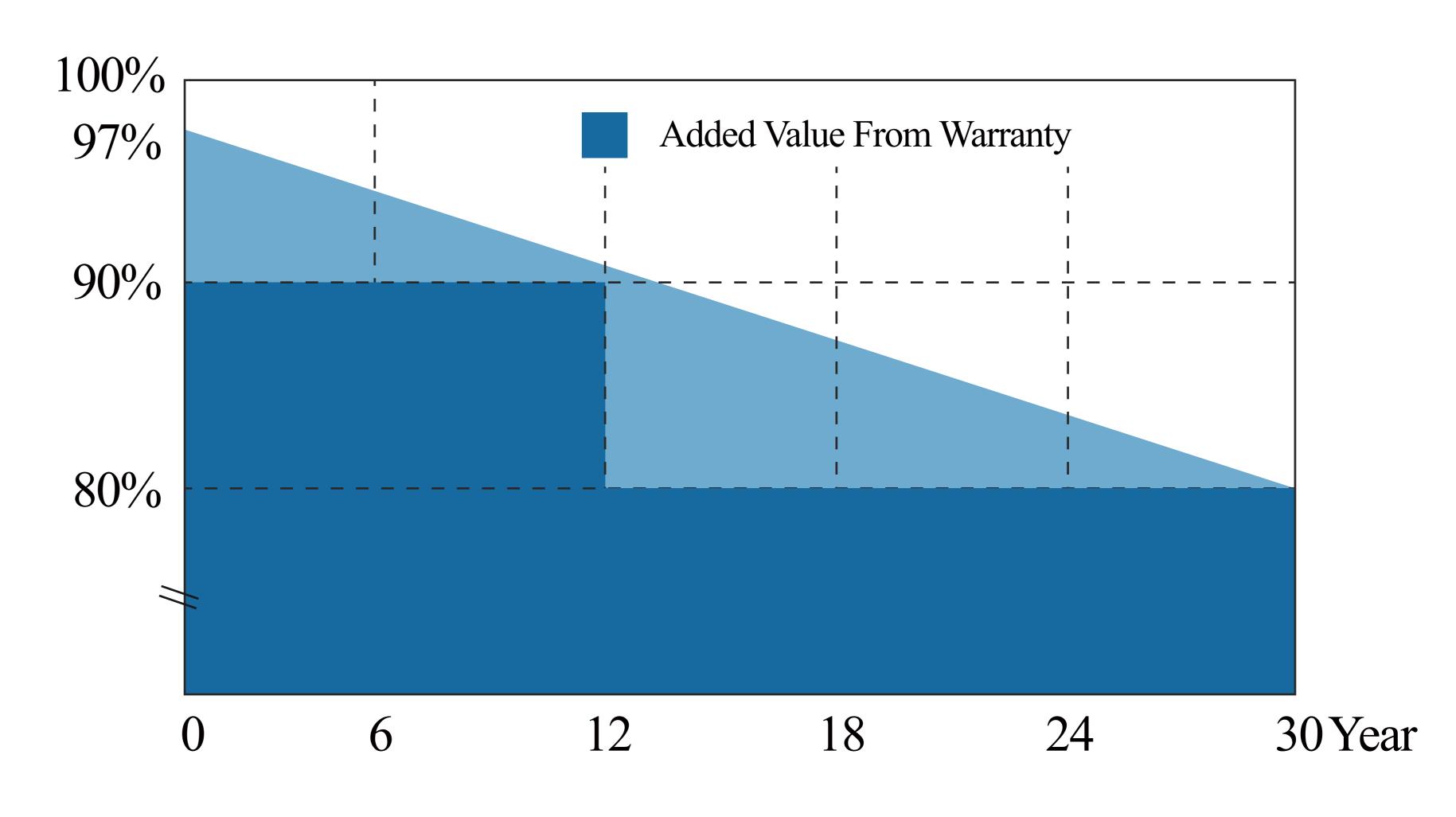
Modules Binned by Current to improve system performance

Potential induced Degradation (PID) Resistant





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



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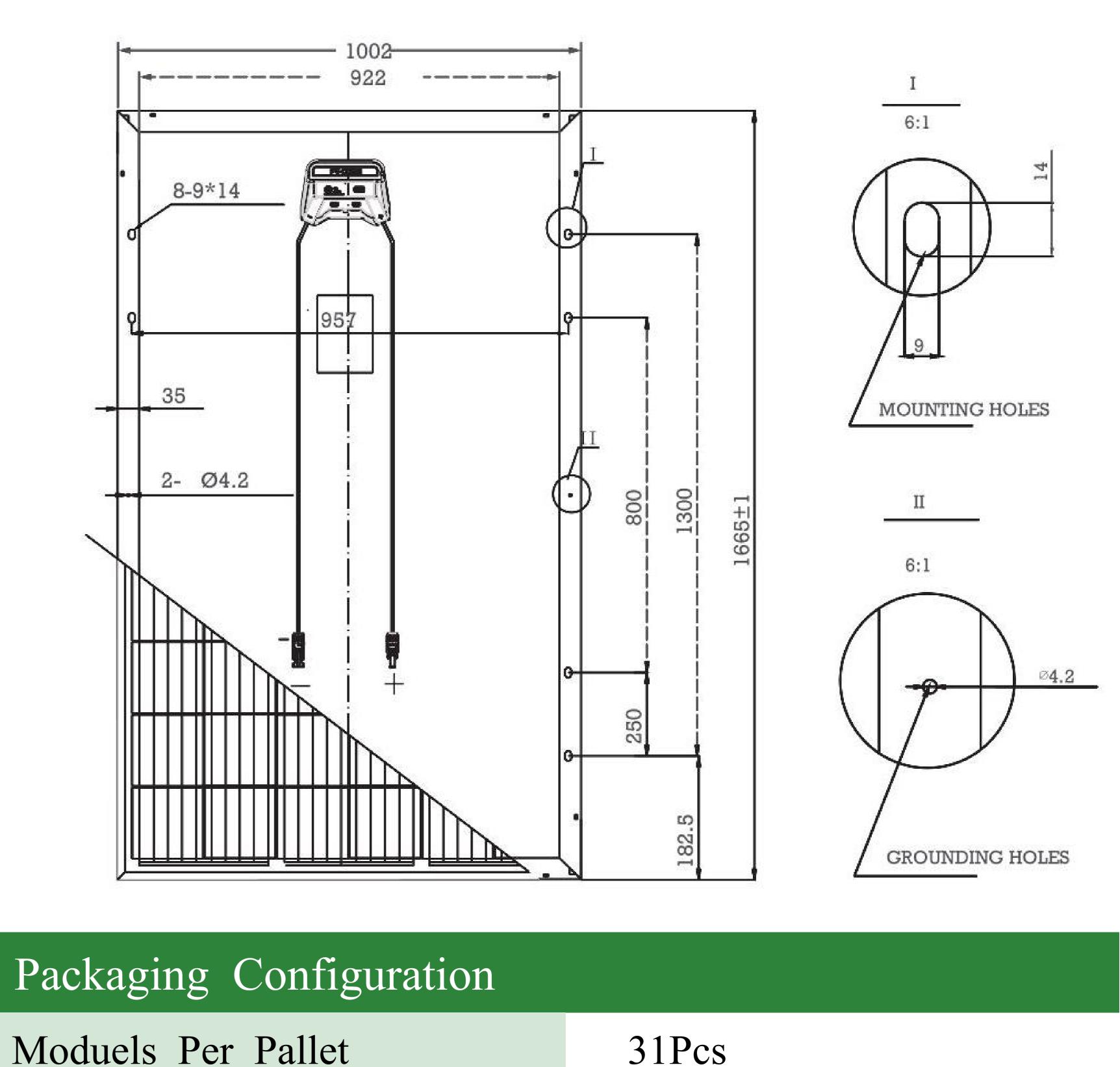
Mechanical parameters Cell(mm) 158.75*158.75 Weight(kg) 19 (Approx) Glass Thickness 3.2mm Dimensions (L*W*H)(mm) 1665*1002*35mm Cable Cross Section Size (mm²) Cable Cross Section Length (mm) 900/1200 No. of Cells and Connections 60(6*10) ≥IP67 Junction Box MC4 Compatiple Connector

Working Conditions	
Maximum System Voltage	DC 1500V
Operating Temperature	-40°C~+85°C
Maximum Series Fuse	15A
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

Moduels Per 20GP

Moduels Per 40HQ



412Pcs

952Pcs

Module	$SW320M\text{-}60 \sim SW360M\text{-}60$					
Encapsulation	Class/Eva/Cell/Eva/Backsheet					
Maximum Power Pmax (W)	320	330	340	350	360	
Maximum Power Voltage (Vmp/V)	33.40	33.80	34.20	34.60	34.80	
Maximum Power Current (Imp/A)	9.58	9.76	9.94	10.12	10.30	
Open Circuit Voltage (Voc/V)	41.00	41.60	42.20	42.80	43.40	
Short Circuit Current (Isc/A)	10.14	10.30	10.46	10.62	10.78	
Cell Efficiency(%)	21.16	21.82	22.50	23.15	23.81	
Module Efficiency (%)	19.18	19.78	20.38	20.98	21.58	
Power Tolerance (W)	$0\sim +5\mathrm{W}$					
Temperature Coefficient of Isc (αIsc)	+0.059%/°C					
Temperature Coefficient of Voc (βVoc)	-0.330%/°C					
Temperature Coefficient of Pmax (γPmp)	-0.410%/°C					
STC	Irradiance 1000W/m², Cell Temperature 25°C, Air Mass 1.5					

I-V Curve

