

# 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%



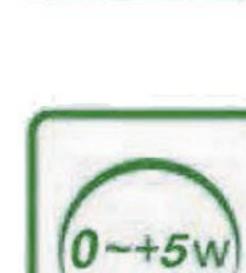
Anti-reflective and anti-soiling surface reduces power loss from dirt and dust



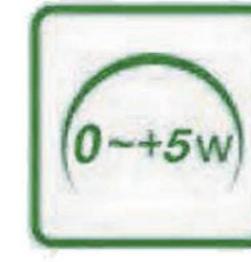
environments

Excellent mechanical load resistance: Certified to withstand

Outstanding Performance in low-light irradiance



high wind loads (2400Pa) and Snow loads (5400Pa)



Warranty

Positive power tolerance: 0~+5W

12 years for product defects in materials & workmanship











Reliable Quality

Positive power tolerance: 0~+5W



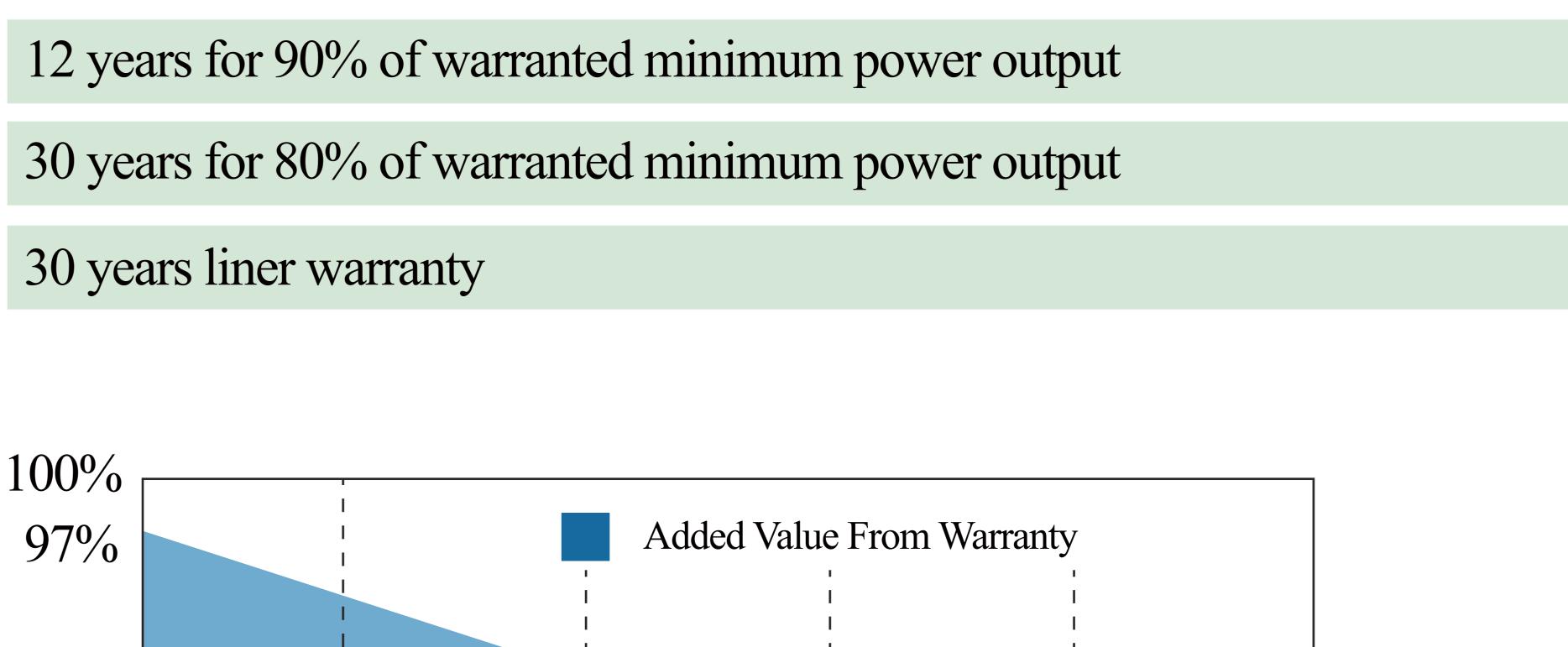
100% EL Double-inspection ensures modules are defects free

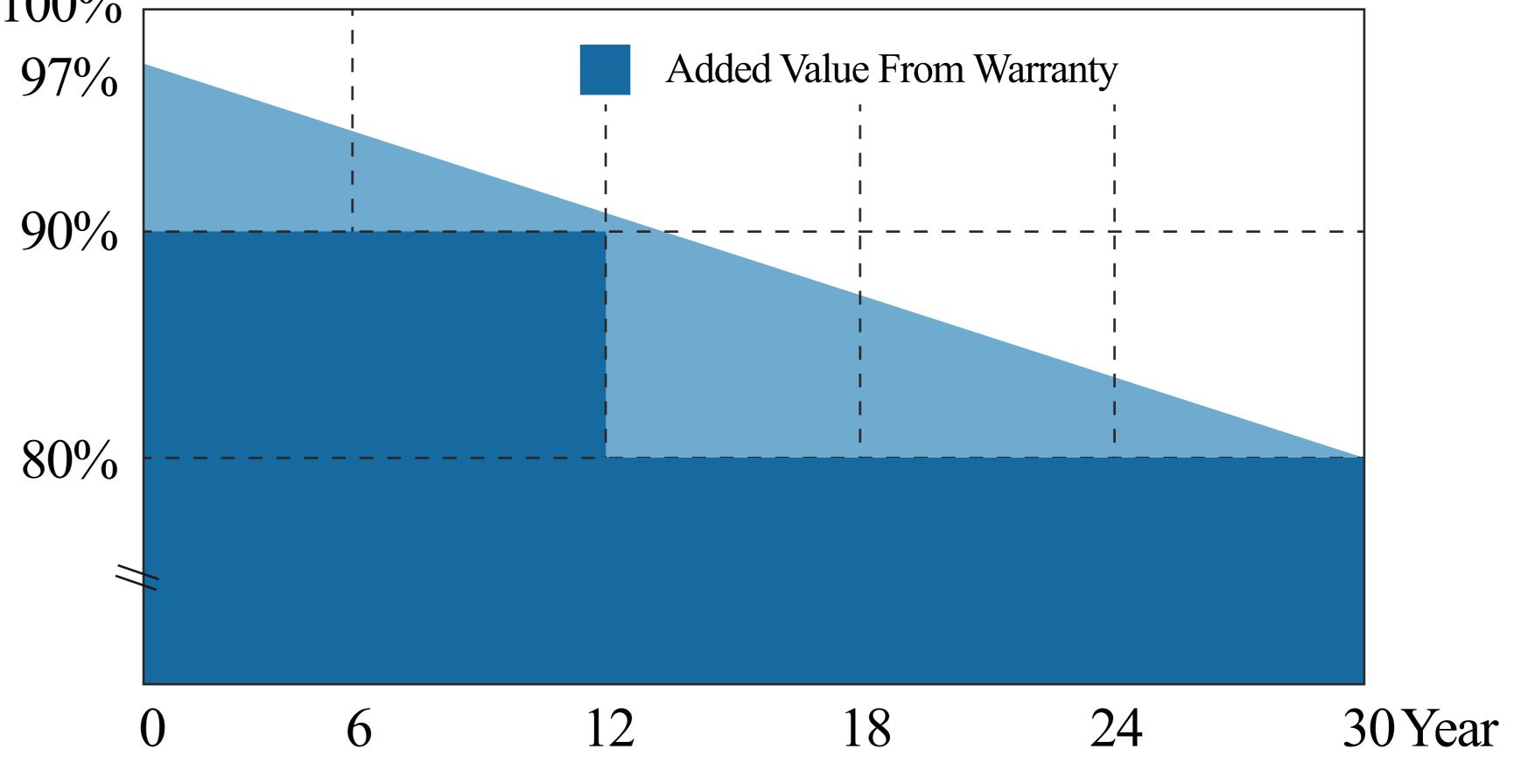
Modules Binned by Current to improve system performance

Potential induced Degradation (PID) Resistant









Sunway Solar Energy Tech. Co., Ltd.





+ 86 138 6693 1144 info@sunwaypv.com

www.sunwaypv.com

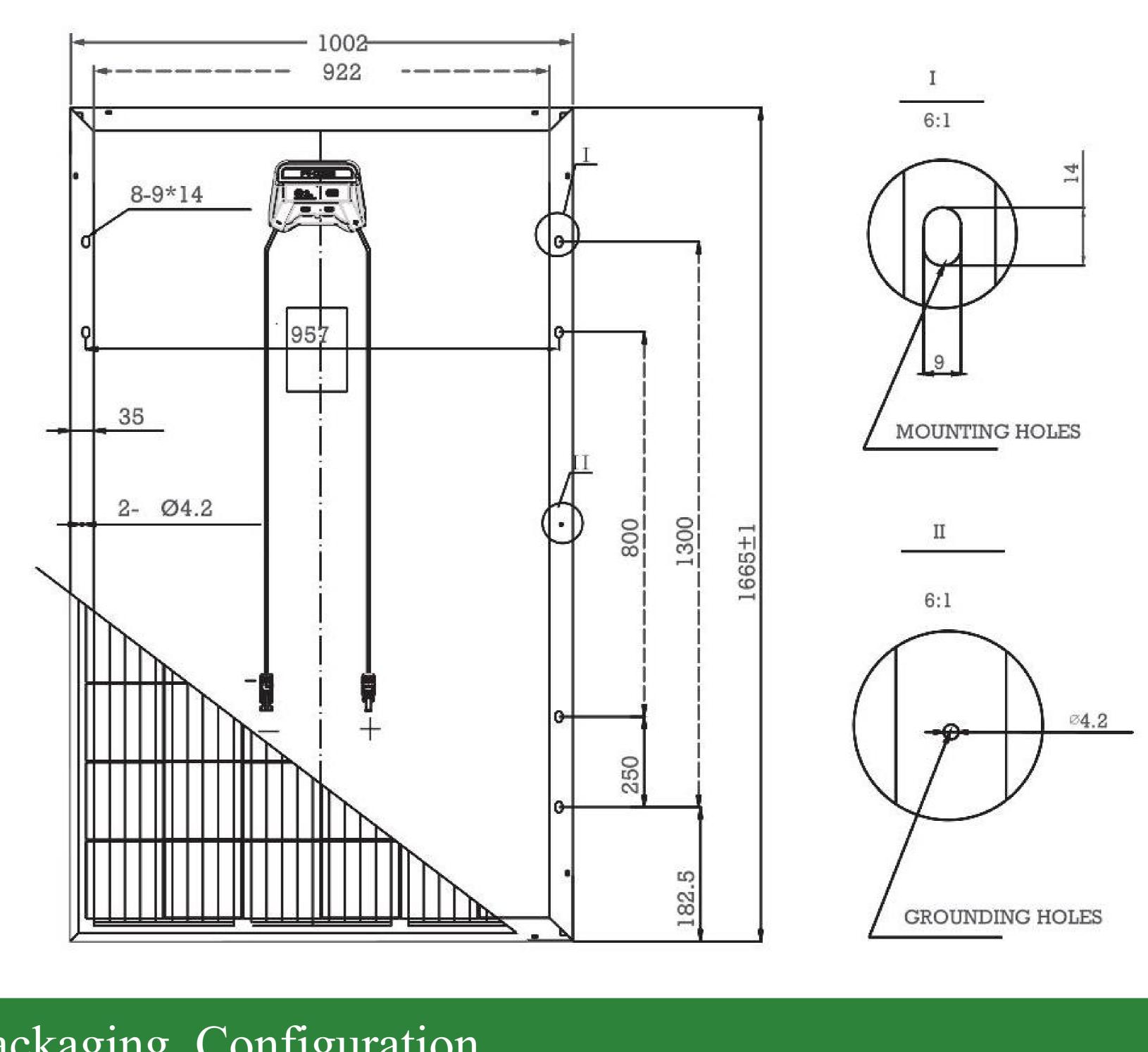


## YOUR PROFESSIONAL PV SUPPLIER

#### 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 DC 1500V Maximum System Voltage -40 °C ~ +85 °C Operating Temperature Maximum Series Fuse 15A Maximum Static Load, Front (e.g., snow and wind) 5400Pa (112 lb/ft²) 2400Pa (50 lb/ft<sup>2</sup>) Maximum Static Load, Back (e.g., wind) 45±2°C NOCT $0 \sim +5 \text{W}$ Positive power tolerance Application Class Class A

### Engineering Drawings



Packaging Configuration	
Moduels Per Pallet	31Pcs
Moduels Per 20GP	412Pcs
Moduels Per 40HQ	952Pcs

Electrical Parameters							
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

