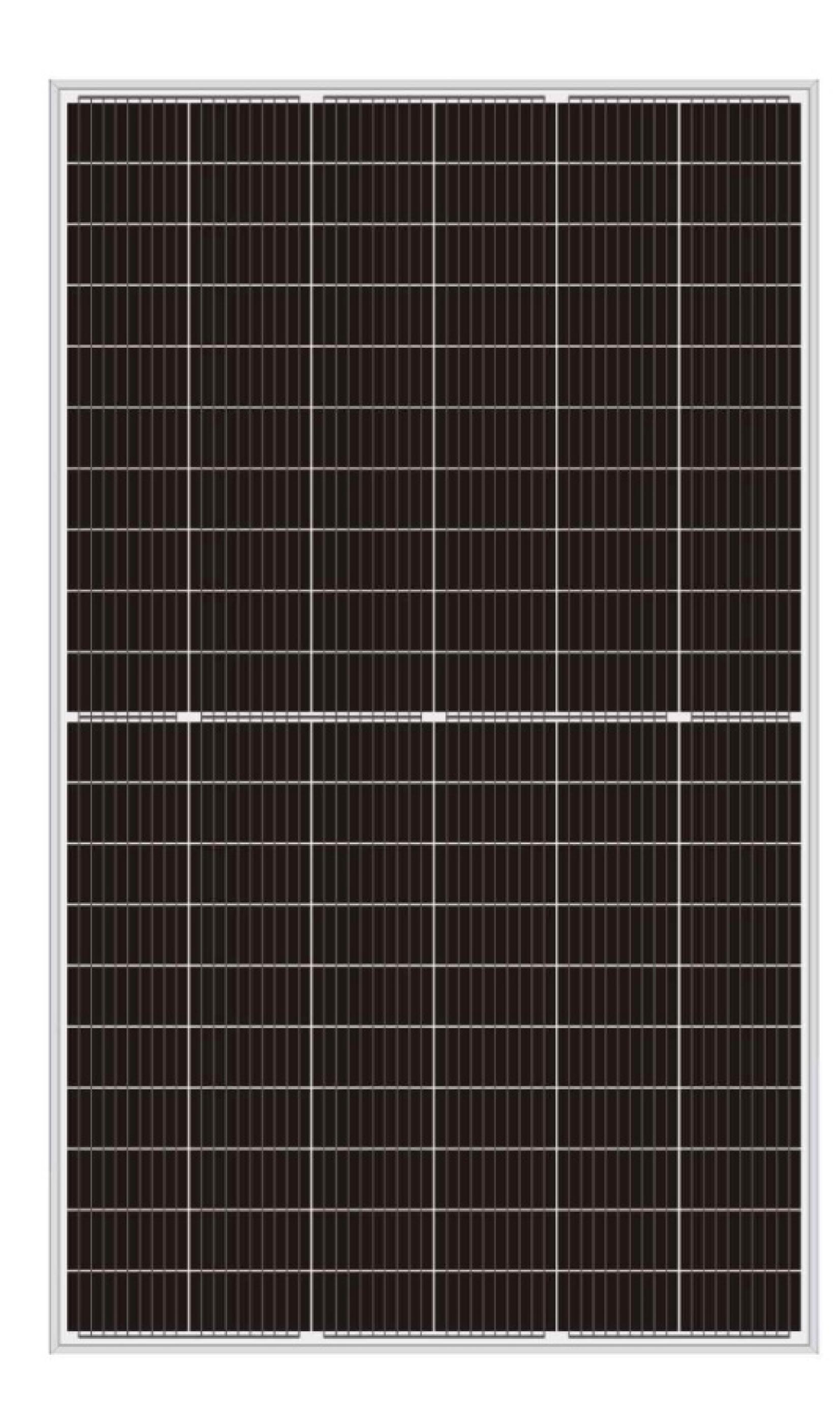


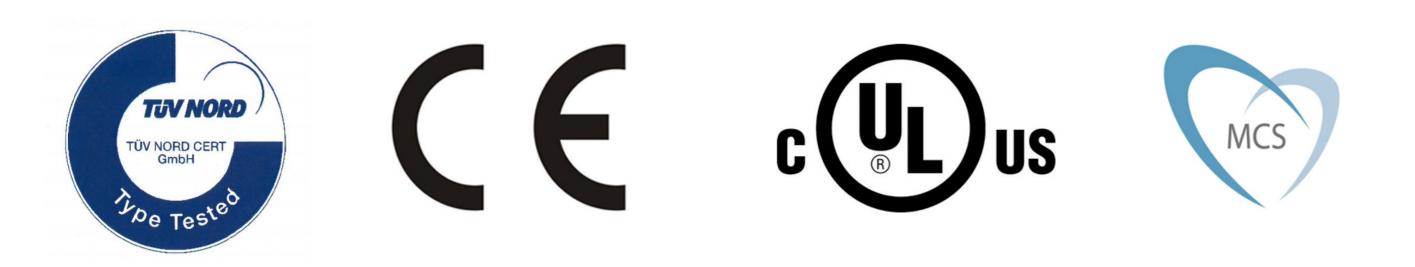
SW360IVI-120

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

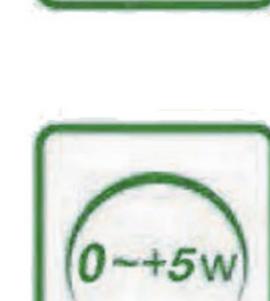
Outstanding Performance in low-light irradiance



environments

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

Excellent mechanical load resistance: Certified to withstand

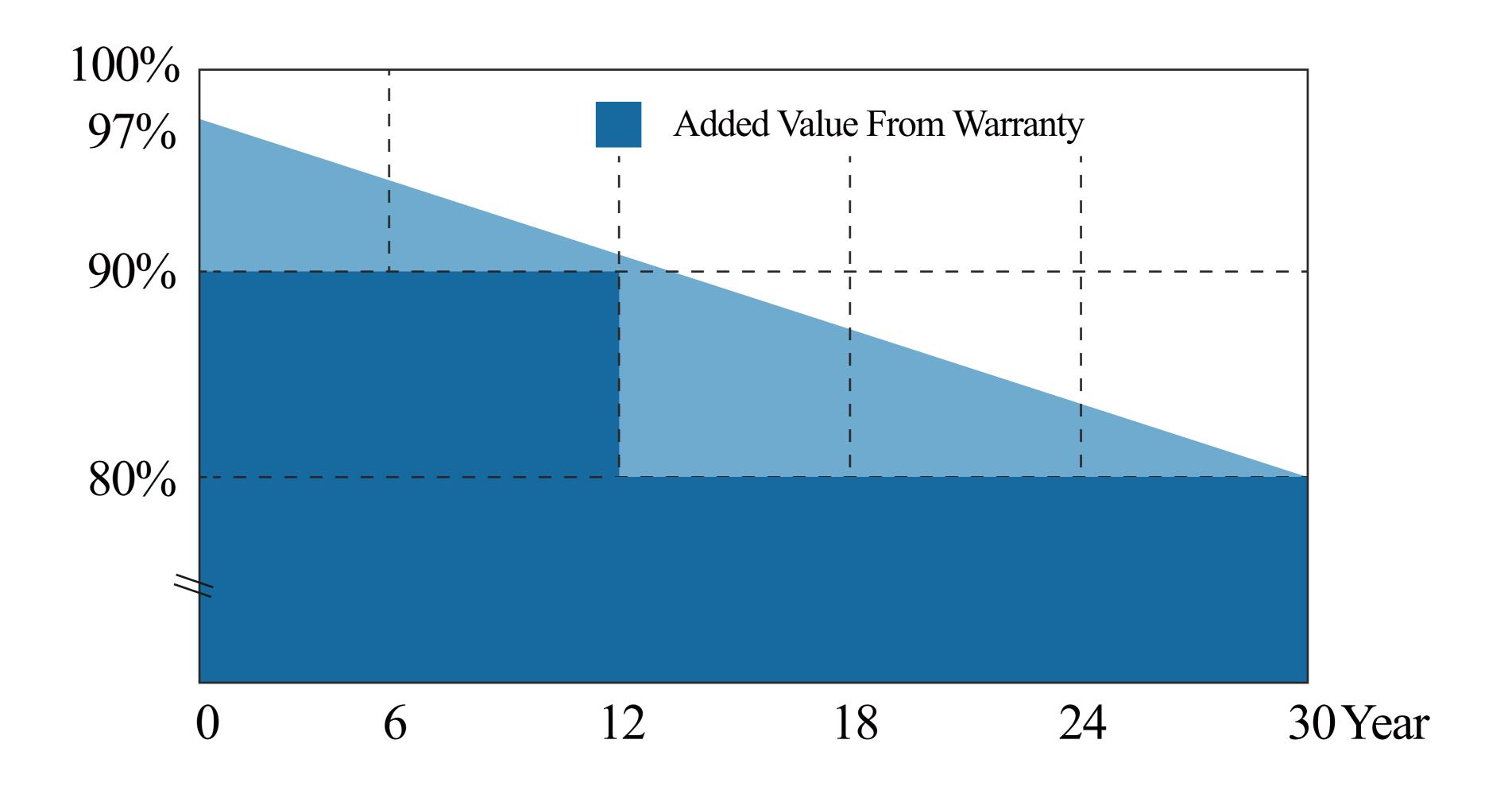


Positive power tolerance: 0~+5W

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





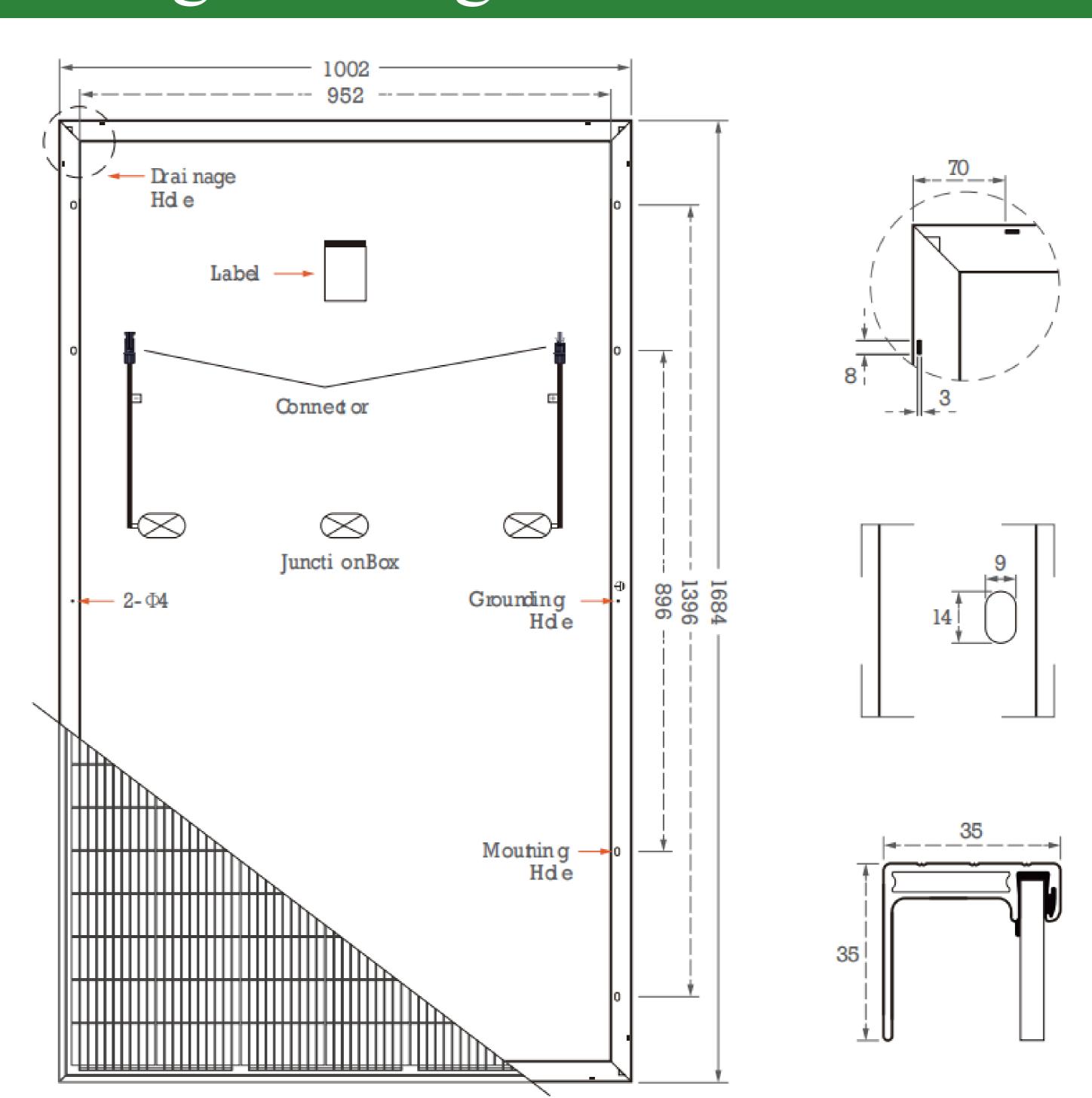
Mechanical parameters

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	$0 \sim +5 W$
Application Class	Class A

Engineering Drawings



Packaging Configuration

Moduels Per Pallet	30Pcs
Moduels Per 40HQ	858Pcs

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

-0.30%/°C -0.38%/°C

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

I-V Curve

STC

Temperature Coefficient of Voc (βVoc)

Temperature Coefficient of Pmax (yPmp)

