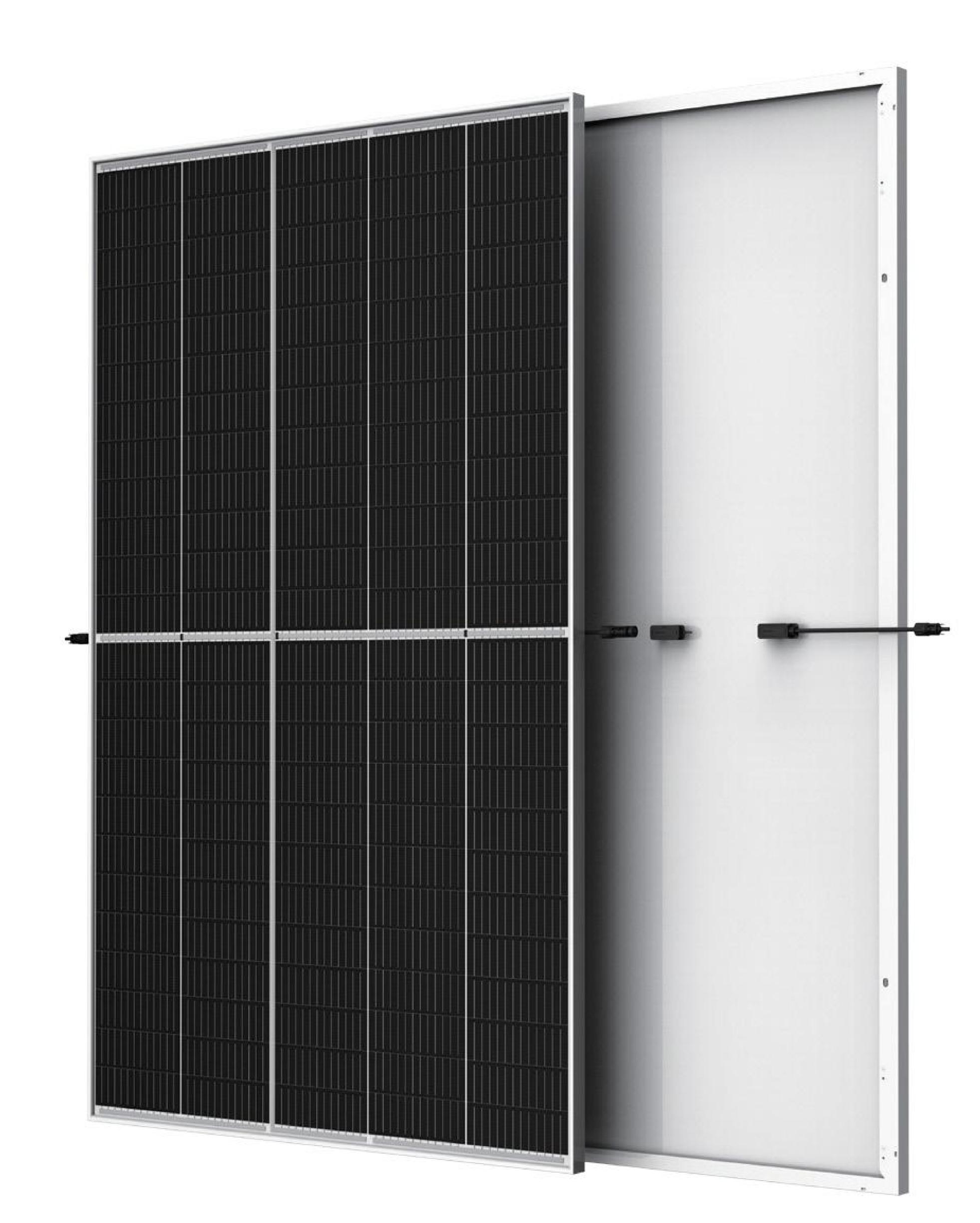


SW410IVI-120

Monocrystalline 120 Cells 390W-410W



Mono Solar Panel Features



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



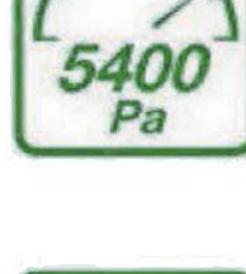
High power output and highest conversion efficiency of 21.32%



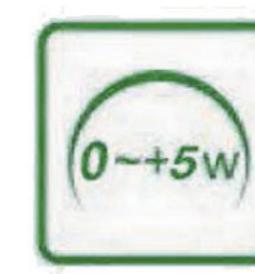
Anti-reflective and anti-soiling surface reduces power loss from dirt and dust



Outstanding Performance in low-light irradiance environments



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



Positive power tolerance: 0~+5W





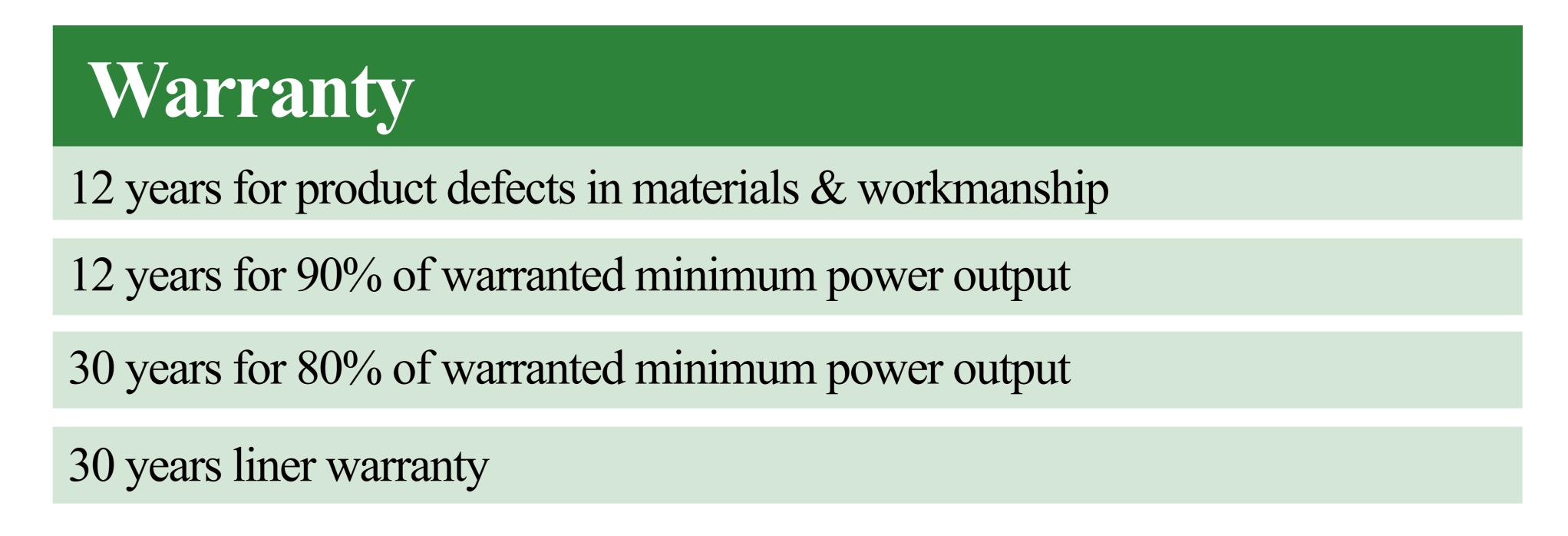


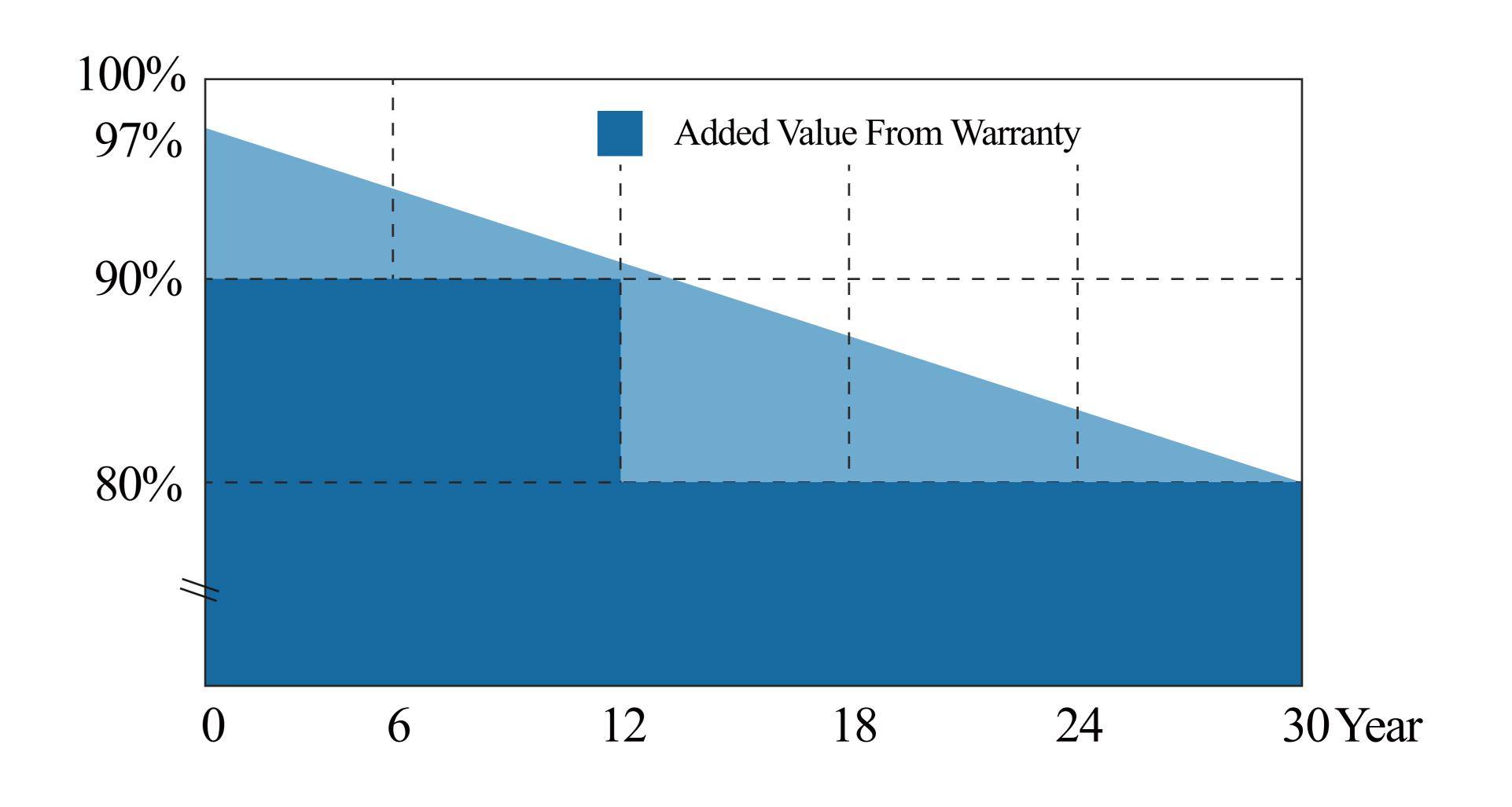
CHUBB











Reliable Quality

100% EL Double-inspection ensures modules are defects free

Positive power tolerance: 0~+5W

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

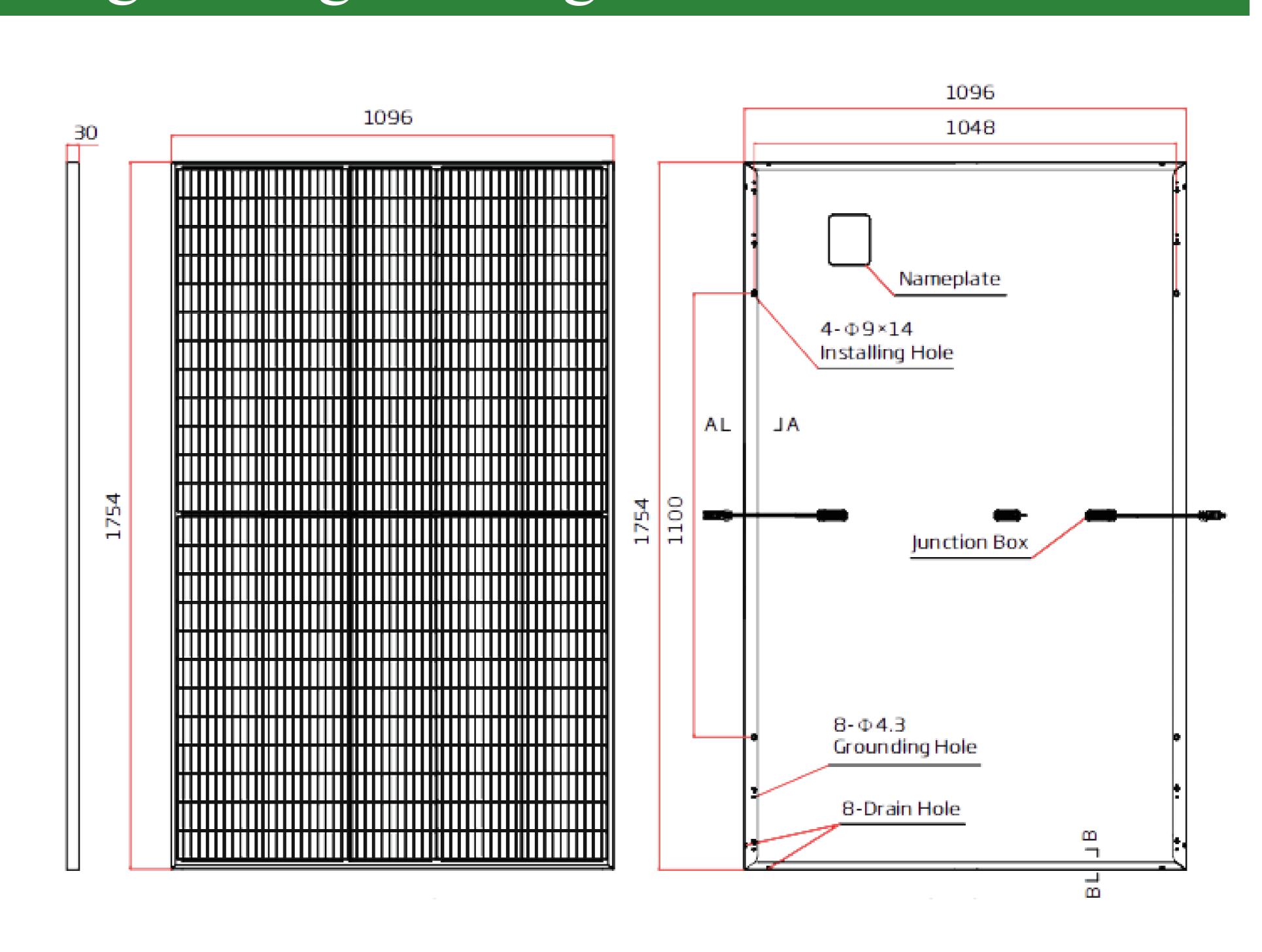


YOUR PROFESSIONAL PV SUPPLIER

Mechanical parameters 210*70mm Cell(mm) Weight(kg) 21kg Glass Thickness 40mm Dimensions (L*W*H)(mm) 1754*1096*30mm Cable Cross Section Size (mm²) Cable Cross Section Length (mm) 900/1200 No. of Cells and Connections 120(5*24) IP68 Junction Box MC4 Compatiple Connector

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

Engineering Drawings



Packaging Configuration			
Moduels Per Pallet	31Pcs		
Moduels Per 40HQ	936Pcs		

Electrical Parameters						
Module	$SW390M-120 \sim SW410M-120$					
Encapsulation	Class/Eva/Cell/Eva/Backsheet					
Maximum Power Pmax (W)	390	395	400	405	410	
Maximum Power Voltage (Vmp/V)	33.80	34.00	34.20	34.40	34.60	
Maximum Power Current (Imp/A)	11.54	11.62	11.70	11.77	11.85	
Open Circuit Voltage (Voc/V)	40.80	41.00	41.20	41.40	41.60	
Short Circuit Current (Isc/A)	12.14	12.21	12.28	12.34	12.41	
Module Efficiency (%)	20.30	20.50	20.80	21.10	21.32	
Power Tolerance (W)	$0\sim +5\mathrm{W}$					
Temperature Coefficient of Isc (αIsc)	+0.04%/°C					
Temperature Coefficient of Voc (βVoc)	-0.25%/°C					
Temperature Coefficient of Pmax (γPmp)	-0.34%/°C					
STC	Irradiance $1000 \mathrm{W/m^2}$, Cell Temperature $25^{\circ}\mathrm{C}$, Air Mass 1.5°					

I-V Curve

