

YOUR PROFESSIONAL PV SUPPLIER

SW400PM5-66SA

All Black Shingled Solar Panel 375W-400W



CE CUUS MCS

CHUBB

All Black Shingled 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 21.30%



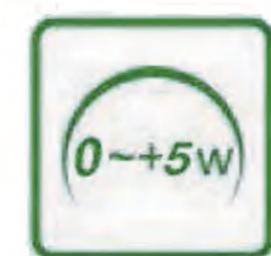
Anti-reflective and anti-soiling surface reduces power loss from dirt and dust



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: $0 \sim +5W$

Warranty

- 12 years for product defects in materials & workmanship
- 12 years for 90% of warranted minimum power output
- 25 years for 80% of warranted minimum power output
- 25 years liner warranty

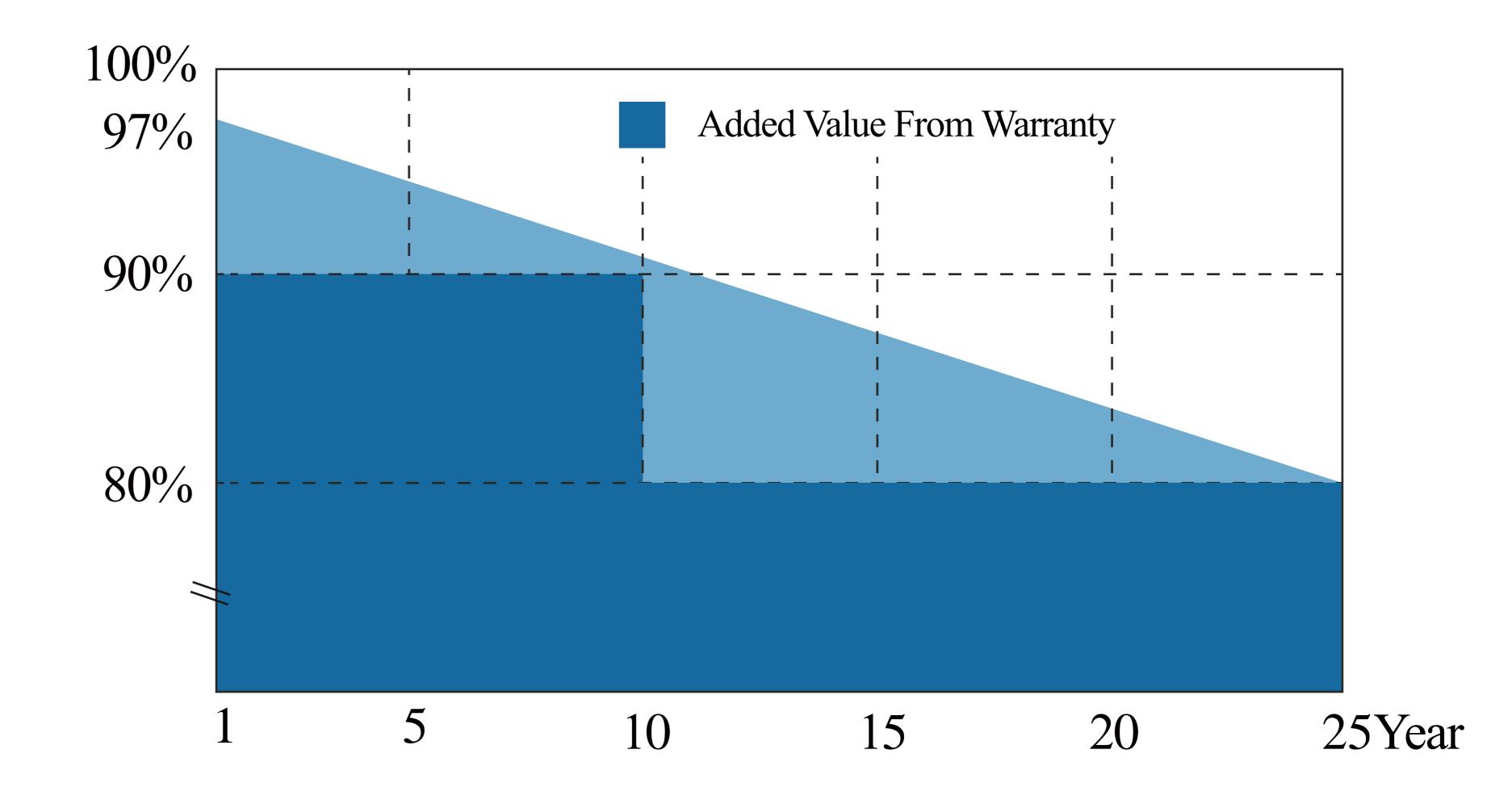


100% EL Double-inspection ensures modules are defects free

PVCYCLE

Modules Binned by Current to improve system performance

Potential induced Degradation (PID) Resistant



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INMETRO

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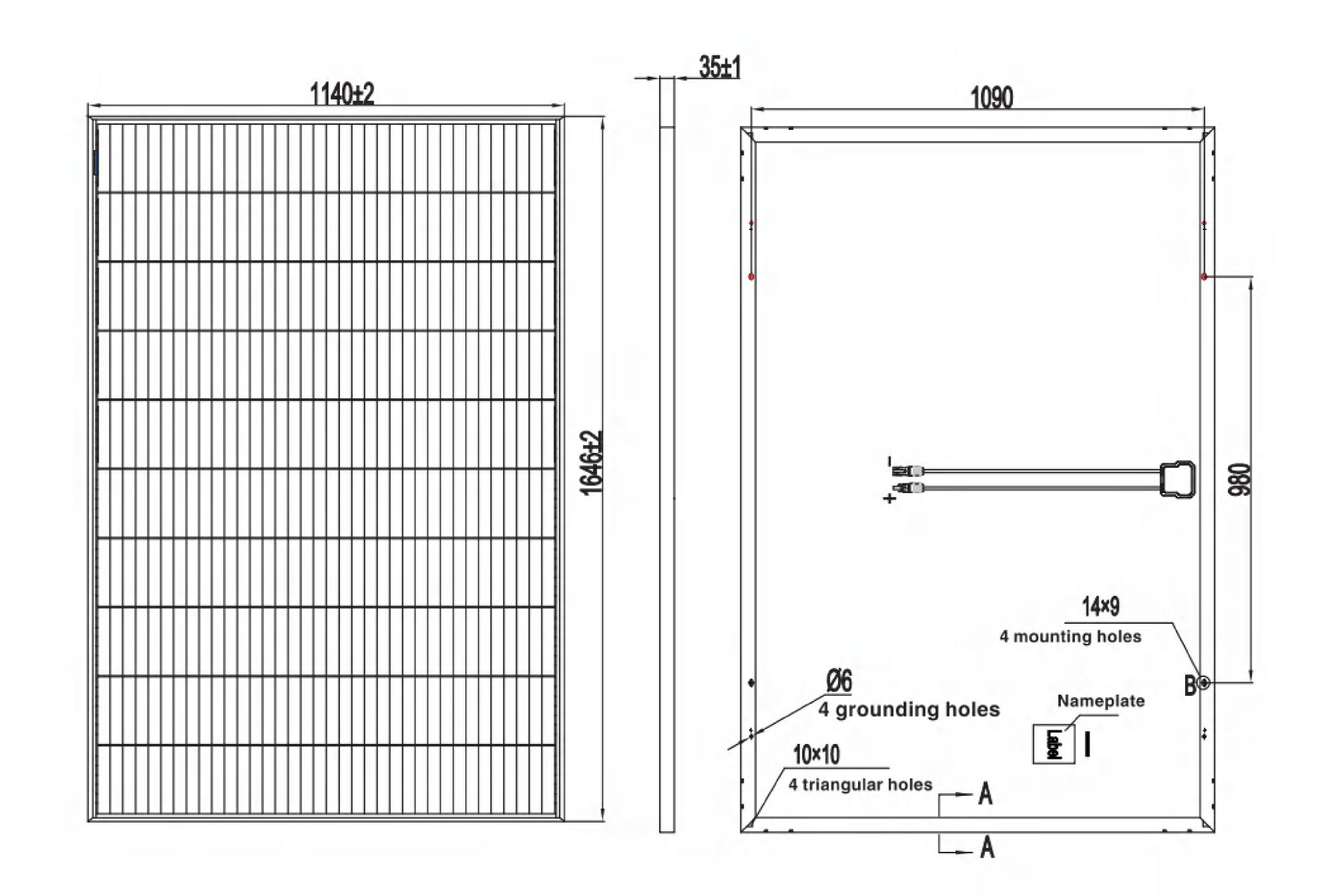
Mechanical parameters

Cell(mm)	Mono
Weight(kg)	20.5kg
Glass Thickness	3.2mm Toughened Glass
Dimensions (L*W*H)(mm)	1646*1140*35mm
Cable Cross Section Size (mm ²)	4
Cable Cross Section Length (mm)	1000
No.of Cells and Connections	360(36*10)
Junction Box	IP68,2 Diodes
Connector	MC4 Compatiple

Working Conditions

Maximum System Voltage	DC 1000V/1500V(IEC)		
Operating Temperature	-40°C~+85°C		
Maximum Series Fuse	20A		
Maximum Static Load, Front (e.g., snow and wind)	5400Pa (112 lb/ft ²)		
Maximum Static Load, Back (e.g., wind)	2400Pa (50 lb/ft ²)		
NOCT	$44 \pm 2^{\circ}C$		
Positive power tolerance	$0 \sim +5 W$		
Application Class	Class A		

Engineering Drawings



Packaging Configuration	
Moduels Per Pallet	31 Pcs
Moduels Per 40HQ	868Pcs

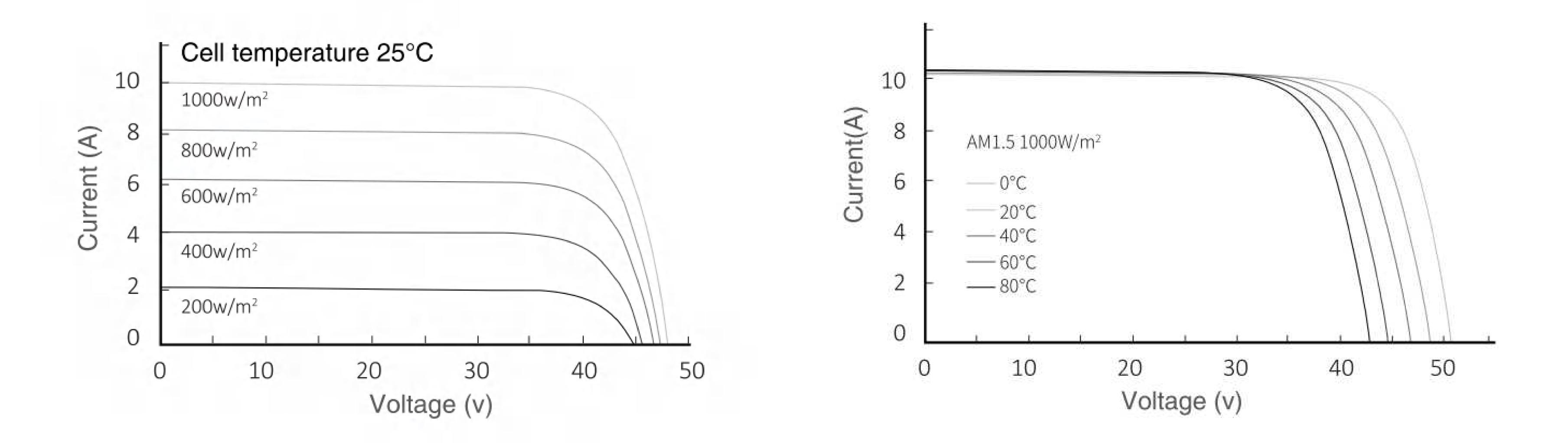
Electrical Parameters

Modula

 $\mathbf{CW}_{275}\mathbf{DN}_{15}$ 66 \mathbf{CA} $\mathbf{CW}_{100}\mathbf{DN}_{15}$ 66 \mathbf{CA}

Module	SW375PM5-66SA ~ SW400PM5-66SA						
Encapsulation	Class/Eva/Cell/Eva/Backsheet						
Maximum Power Pmax (W)	375	380	385	390	395	400	
Maximum Power Voltage (Vmp/V)	40.40	40.60	40.80	40.80	40.90	41.00	
Maximum Power Current (Imp/A)	9.28	9.36	9.44	9.56	9.66	9.76	_
Open Circuit Voltage (Voc/V)	48.90	49.10	49.30	49.30	49.40	49.50	
Short Circuit Current (Isc/A)	9.89	9.93	9.98	10.03	10.07	10.12	
Module Efficiency (%)	20.00	20.30	20.50	20.80	21.10	21.30	
Power Tolerance (W)	$0 \sim +5 \mathrm{W}$						
Temperature Coefficient of Isc (aIsc)	+0.04%/°C						
Temperature Coefficient of Voc (BVoc)	-0.27%/°C						
Temperature Coefficient of Pmax (yPmp)	-0.34%/°C						_
STC	Irradiance 1000W/m ² , Cell Temperature 25 °C, Spectrum AM1.5						

I-V Curve



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