

## 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%



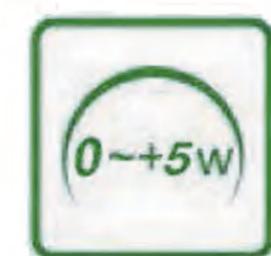
Anti-reflective and anti-soiling surface reduces power loss from dirt and dust



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

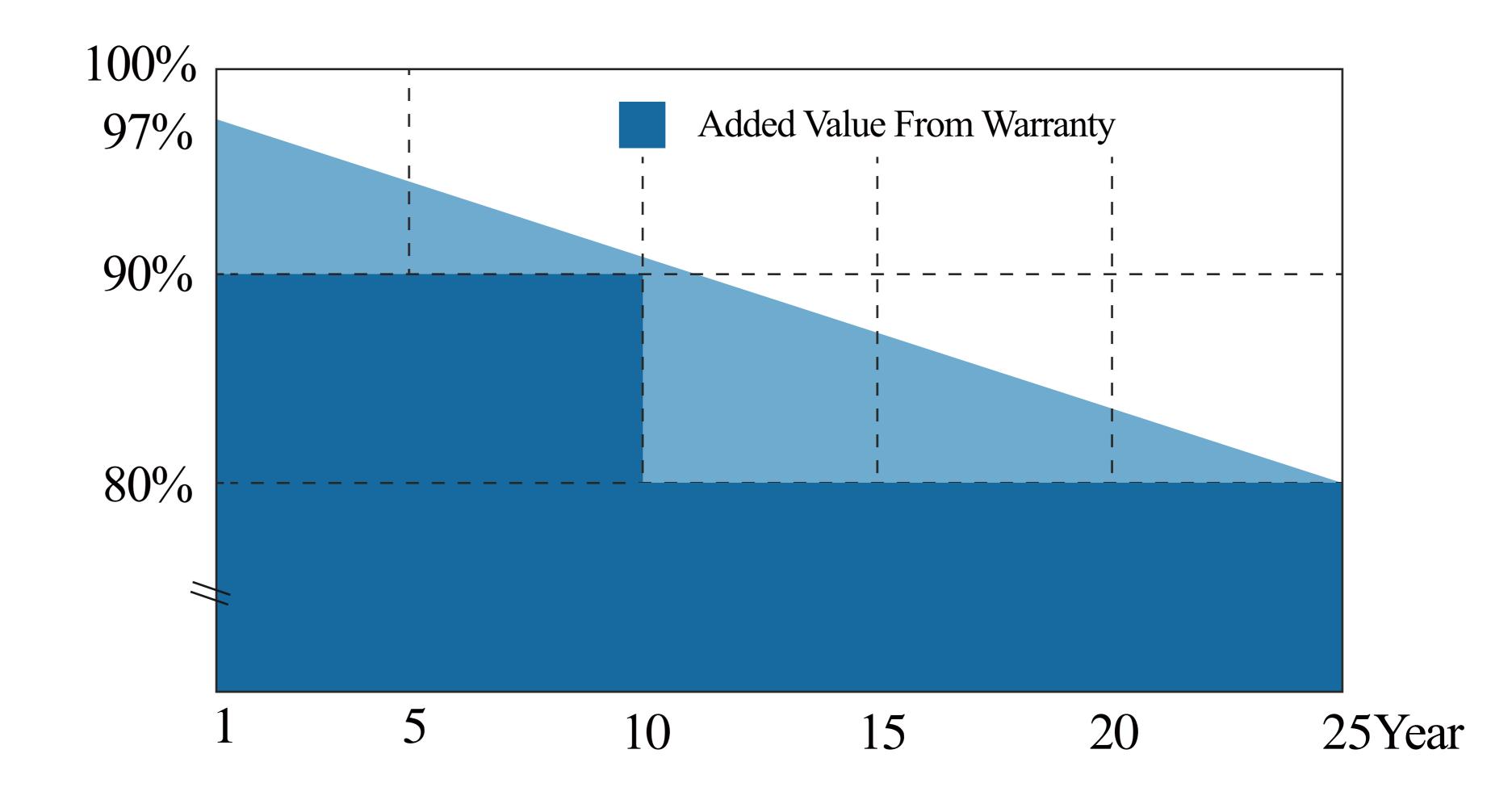


100% EL Double-inspection ensures modules are defects free

PVCYCLE

Modules Binned by Current to improve system performance

Potential induced Degradation (PID) Resistant



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INMETRO

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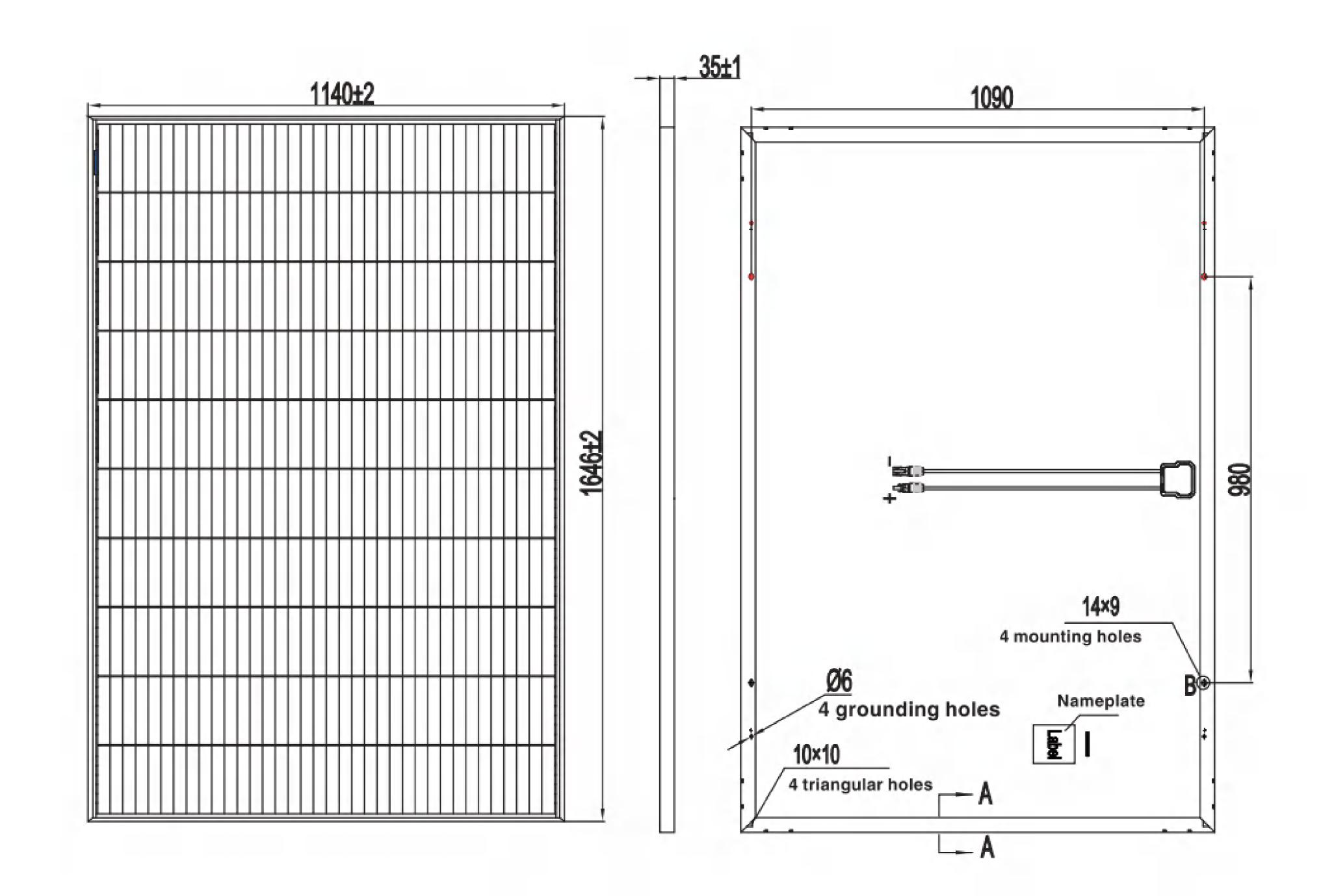
#### Mechanical parameters

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 <sup>2</sup> )	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 <sup>2</sup> )		
Maximum Static Load, Back (e.g., wind)	2400Pa (50 lb/ft <sup>2</sup> )		
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

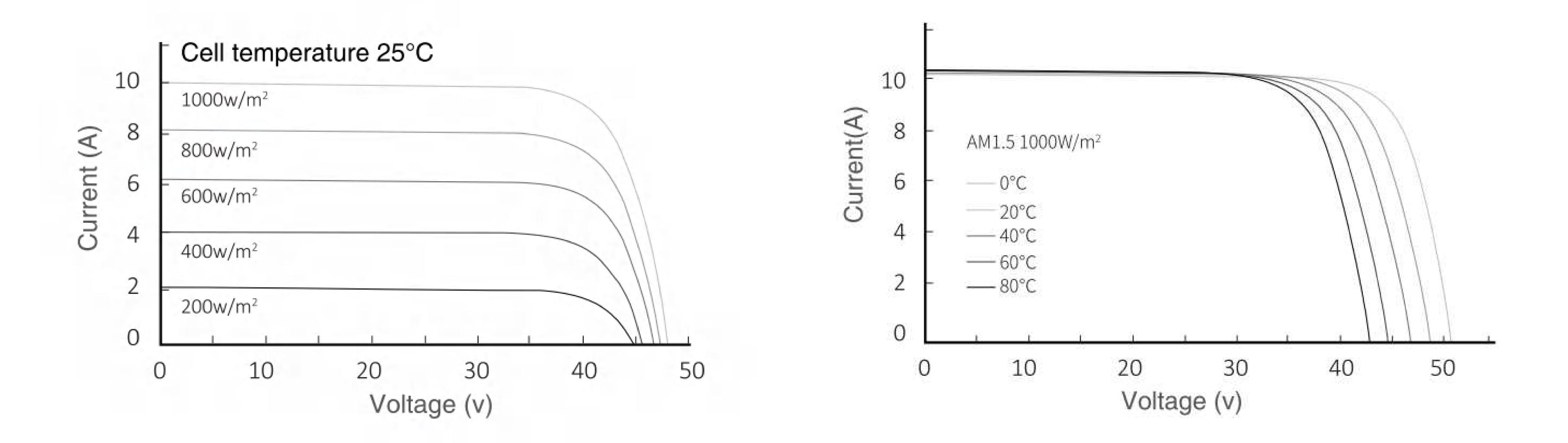
#### Electrical Parameters

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 <sup>2</sup> , Cell Temperature 25 °C, Spectrum AM1.5						

#### I-V Curve



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