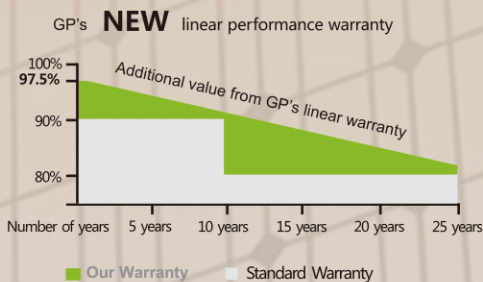


Mono-crystalline



Salt Mist And Ammonia Resistance Test



ZM9065

Photovoltaic modules
36pcs mono-crystalline silicon cell

Strengths

- Tolerance:
0+3%
- Plug&Play
Connectors
- High transmission, low Iron
Tempered Glass
- Bypass Diodes
Protection
- Salt Mist And Ammonia
Resistance Test
- 5400 Pa snow load
2400 Pa wind load

Warranty

- Manufacturing
10 years
- Power Production
90%:12 years 80%:25 years

Insurance

Insured
By CHUBB



ZM9065

Photovoltaic Modules

Module	ZM9065				
Encapsulation	Glass/EVA/Cell/EVA/Backsheet				
Maximum Power Pmax	W	150	160	170	180
Maximum Power Voltage (Vmp)	V	18.50	18.70	18.85	18.95
Maximum Power Current (Imp)	A	8.11	8.56	9.02	9.50
Open Circuit Voltage (Voc)	V	22.20	22.44	22.62	22.74
Short Circuit Current (Isc)	A	8.52	8.98	9.47	9.98
Cell Efficiency	%	17.78	18.30	18.68	19.18
Module Efficiency	%	15.07	16.06	17.06	18.08
Tolerance	0+3%				
Max System Open Circuit Voltage	600V				
Junction Box (protection degree)	≥IP67				
Dimension	1480*680*35mm				
Weight	10.6kg				
Operate Temperature Scope	-40/+85°C				
Relative Humidity	0~100%				
Frame Thickness	35mm				
Frame Colour	Gold/Brown/Black/Silver				

Standard Test Conditions[STC]: irradiance 1,000 W/m²; AM 1.5; module temperature 25°C. Measuring uncertainty of power is within ±3%. Tolerance of Pmp: 0~+3%. Certified in accordance with IEC61215,IEC61730-1/2.

Temperature Coefficients

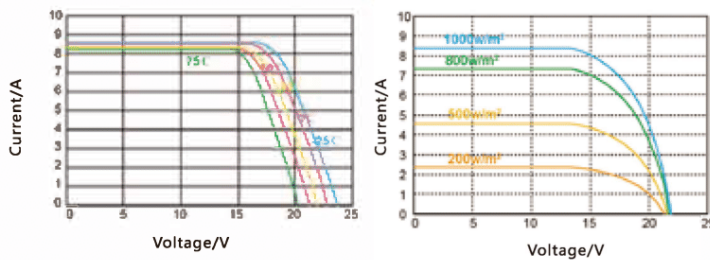
Nominal Operating Cell Temperature(NOCT)	45°C±2°C	
Short Circuit Current Temperature Coefficients	$\alpha(I_{sc})$	+0.059%/°C
Open Circuit Voltage Temperature Coefficients	$\beta(V_{oc})$	-0.330%/°C
Peak Power Temperature Coefficients	$\gamma(P_{max})$	-0.410%/°C
Output		
Cable 4.0mm ² (TUV)	Length 900mm	Connector MC4 type

Advantage

This series modules consist of **mono-crystalline** high efficient silicon cells, which are individually characterized and electronically matched before interconnection and laminated with toughened glass, EVA & Backsheet of high quality.

After assembled with anodized aluminum alloy frame, cable and junction box with MC4 connectors, this solar modules can be installed easily and work for a long period. At the same time, they can withstand the storm, strong wind and hail impact, etc.

I-V Curves



Dimensions

