

what we offer

**YOUR
BEST
PV
SUPPLIER**

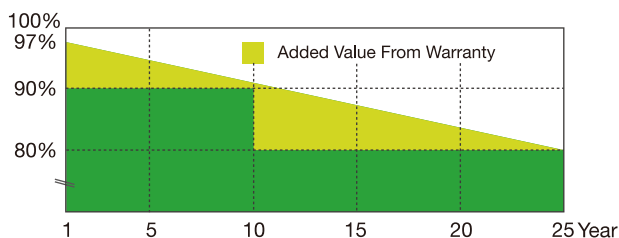
BSM355P-72/5BB **Polycrystalline 72 cells 335w-355w**

1 *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

2 *Superior Warranty*

- 10-year product warranty
- 25-year linear power output warranty



3 *Key features*



Polycrystalline modules designed for commercial and solar farm grid-tied applications



High power output and highest conversion efficiency



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)



High salt and ammonia resistance certified by TÜV NORD



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Mechanical Parameters

Cell (mm)	Poly 156x156
Weight (kg)	21 (approx)
Glass Thickness	4 / 3.2mm
Dimensions (LxWxH) (mm)	1956x992x40
Cable Cross Section Size (mm ²)	4
No. of Cells and Connections	72 (6x12)
Junction Box	IP67, 3 diodes
Connector	MC4 Compatible
Packaging Configuration	23 Per Pallet

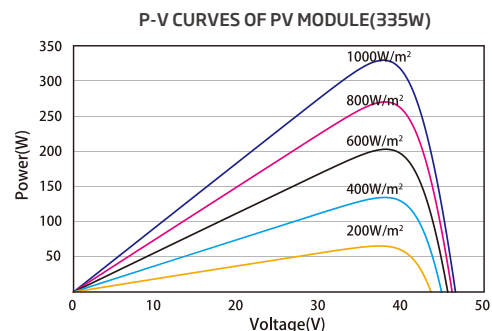
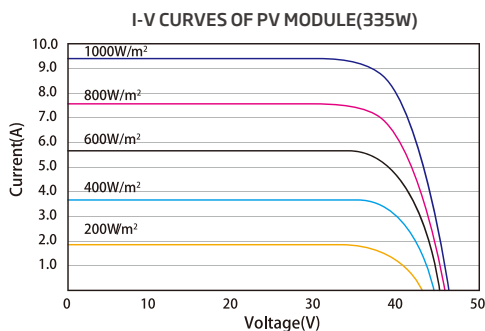
Working Conditions

Maximum System Voltage	DC 1000V (IEC)
Operating Temperature	-40°C ~ +85°C
Maximum Series Fuse	15A
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	45±2°C
Application Class	Class A

Electrical Parameters

Module	BSM335P-72	BSM340P-72	BSM345P-72	BSM350P-72	BSM355P-72
Peak Power Watts-P _{MAX} (Wp)*	335	340	345	350	355
Power Output Tolerance-P _{MAX} (W)			0 ~ +5		
Maximum Power Voltage-V _{MPP} (V)	37.9	38.2	38.4	38.5	38.7
Maximum Power Current-I _{MPP} (A)	8.84	8.90	9.00	9.09	9.17
Open Circuit Voltage-V _{OC} (V)	46.3	46.5	46.7	46.9	47.0
Short Circuit Current-I _{SC} (A)	9.36	9.45	9.50	9.60	9.69
Module Efficiency η _m (%)	17.3	17.5	17.8	18.0	18.3
Temperature Coefficient of I _{sc} (αI _{sc})			+0.058%/°C		
Temperature Coefficient of V _{oc} (βV _{oc})			-0.330%/°C		
Temperature Coefficient of P _{max} (γP _{mp})			-0.410%/°C		
STC	Irradiance 1000W/m ² , Cell Temperature 25°C, Air Mass 1.5				

I-V Curve



Engineering Drawings

