

what we offer
**YOUR
BEST
PV
SUPPLIER**

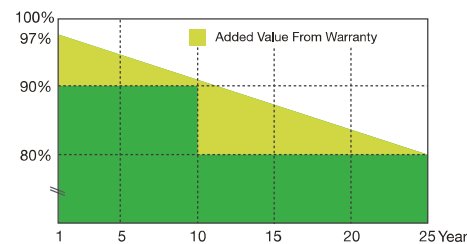
BSM330M-60/5BB Polycrystalline 60 cells 300w-330w

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

-  Monocrystalline 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 SÜD

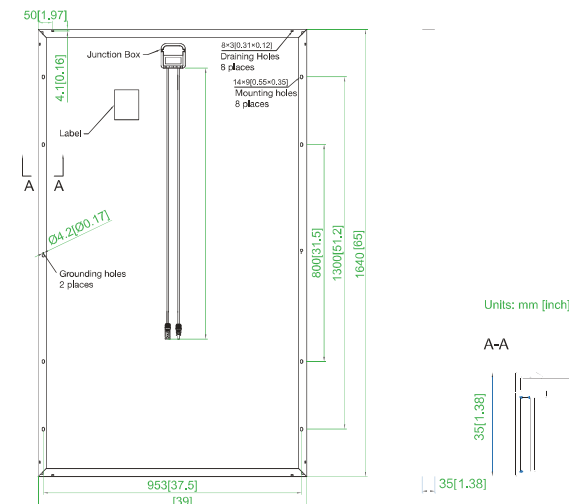
Mechanical Parameters

Cell (mm)	Mono 156x156
Weight (kg)	18.2 (approx)
Glass Thickness	4/3.2mm
Dimensions (LxWxH) (mm)	1640x992x40
Cable Cross Section Size (mm ²)	4
No. of Cells and Connections	60 (6x10)
Junction Box	IP67, 3 diodes
Connector	MC4 Compatible
Packaging Configuration	26 Per Pallet

Working Conditions

Maximum System Voltage	DC 1000V (IEC)
Operating Temperature	-40°C ~ +85°C
Maximum Series Fuse	20A
Maximum Static Load, Front (e.g., snow and wind) Maximum Static Load, Back (e.g., wind)	5400Pa (112 lb/ft ²) 2400Pa (50 lb/ft ²)
NOCT	45±2°C
Application Class	Class A

Engineering Drawings



Electrical Parameters

Module	BSM300M-60	BSM310M-60	BSM320M-60	BSM330M-60
Rated Maximum Power at STC (W)	300	310	320	330
Open Circuit Voltage (Voc/V)	39.82	40.18	40.9	41.3
Maximum Power Voltage (Vmp/V)	32.51	32.95	33.4	33.8
Short Circuit Current (Isc/A)	9.84	10.08	10.15	10.34
Maximum Power Current (Imp/A)	9.23	9.41	9.59	9.77
Module Efficiency [%]	18.44	19.05	19.66	20.28
Power Tolerance (W)			-0~-+5W	
Temperature Coefficient of Isc (αIsc)			+0.048%/°C	
Temperature Coefficient of Voc (βVoc)			-0.280%/°C	
Temperature Coefficient of Pmax (γPmp)			-0.370%/°C	
STC	Irradiance 1000W/m ² , Cell Temperature 25°C, Air Mass 1.5			

I-V Curve

