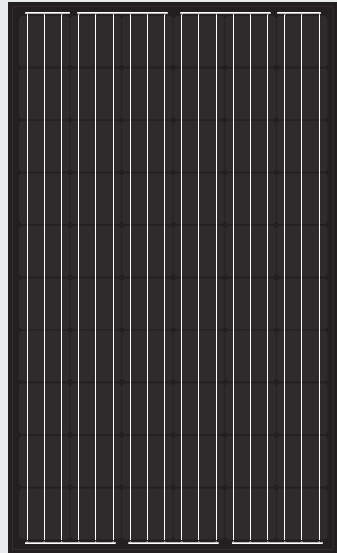


# BSM330M-60/5BB

Black Monocrystalline 60 cells 300w-330w

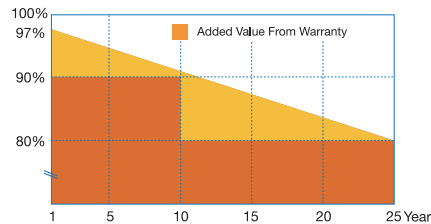


### Key Features

- 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 NORD

### Superior Warranty

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



### 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

# BSM330M-60/5BB

Black Monocrystalline 60 cells 300w-330w

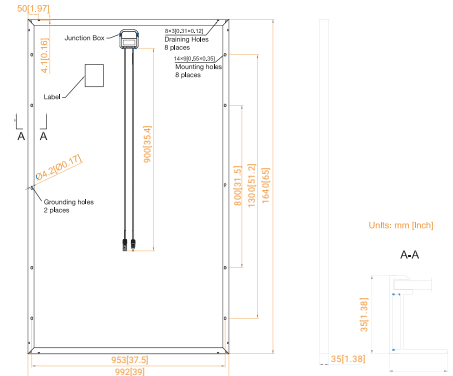
### Mechanical Parameters

Cell (mm)	Mono 156x156
Weight (kg)	18.2 (approx)
Dimensions (LxWxH) (mm)	1640x992x35
Cable Cross Section Size (mm <sup>2</sup> )	4
No. of Cells and Connections	60 (6x10)
Junction Box	IP67, 3 diodes
Connector	MC4 Compatible
Packaging Configuration	30 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)	5400Pa (112 lbf/ft <sup>2</sup> )
Maximum Static Load, Back(e.g., wind)	2400Pa (50 lb/ft <sup>2</sup> )
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 (dIsc)			0.048%/°C	
Temperature Coefficient of Voc (βVoc)			-0.28%/°C	
Temperature Coefficient of Pmax (γPmp)			-0.37%/°C	
STC	Irradiance 1000W/m <sup>2</sup> , Cell Temperature 25°C, Air Mass 1.5			

### I-V Curve

