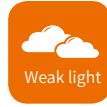


## FSBA5 60HC MONO MODULE (5BB-158.75)



Excellent module power up to 345W



Weak light

Excellent energy generation in weak light



IP67

Stable performance due to the IP67 waterproof junction box



3%

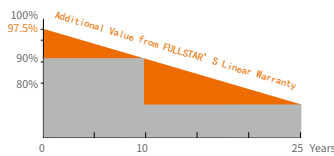
0~+3% power output



PID free module  
Anti-PID material  
Anti-PID cell technology



High module efficiency  
lower floor space, BOS,  
transportation and OPEX 8%



Additional value from Fullstar linear warranty lower annual power attenuation and higher reliability  
> First year power attenuation 2.5% and annual power attenuation of 0.7% afterwards  
> Over 80% power output warranty for 25 years

### Certificate

- ◆ ISO 9001 Quality management system certifi and ISO 14001 Environmental management system certificate
- ◆ OHSAS 18001 International standards for occupational health and safety
- ◆ IEC 61215 and IEC 61730 A level certification



Item	FS-335M-Ba		FS-340M-Ba		FS-345M-Ba	
Max. Power (Pmax)	335W		340W		345W	
Testing Condition	Front	Back	Front	Back	Front	Back
STC rated output (P mpp /Wp)*	335	236	340	239	345	243
Opt. Operating Current (Imp)	9.73A	6.82A	9.81A	6.87A	9.89A	6.93A
Opt. Operating Voltage (Vmp)	34.44V	34.62V	34.67V	34.85V	34.90V	35.08V
Short Circuit Current (Isc)	10.14A	7.11A	10.21A	7.16A	10.28A	7.21A
Open Circuit Voltage (Voc)	40.80V	39.60V	40.99V	39.78V	41.18V	39.96V
Module Efficiency	19.40%	13.60%	19.60%	13.80%	19.90%	14.00%
Module Power Tolerance	0/+3%					
Operating Temperature	-40°C ~+85 °C					
Max. System Voltage	1500V DC(IEC)					
Max. Nominal Fuse Current	20A					
Application Level	A					
STC	Irradiance 1000W/m²,Module temperature25°C ,AM1.5					
NOCT	Irradiance 800W/m²,Module temperature20°C ,AM1.5,Wind speed1m/s					

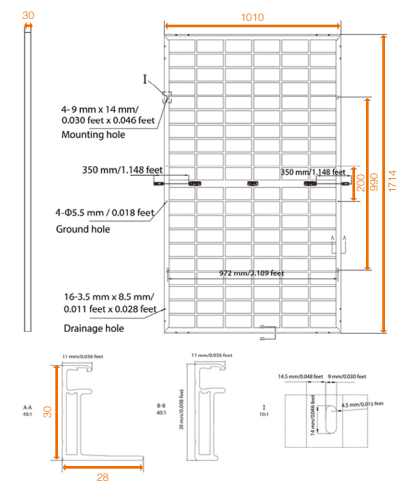
Temperature characteristics	
Nominal Operating Cell Temperature	44 ± 2°C
Temperature Coefficient (Pmax)	-0.3438%/°C
Temperature Coefficient (Voc)	-0.2722%/°C
Temperature Coefficient (Isc)	+0.0353%/°C

Mechanical Data	
Dimensions	1714 x 1010 x 30 mm
Weight	26.4 kg
Front Cover	Glass / POE / Glass,2.5mm
Frame Material	Aluminum, silver anodized
J-Box	IP68 ,3 diodes
Cable	Length 1100mm, 1 x 4mm²
Connector	MC4 compatible

Other Characteristics	
Packaging	36 pcs/box;936pcs/40'container;
Warranty	10 year Product Workmanship Warranty 25 year Linear Power Warranty

**Performance under low irradiation**  
Industry-leading performance under low irradiation conditions. The module efficiency of irradiance 200W/m is above 96.5% of the irradiance 1000W/m module efficiency.

### Engineering Drawing



### I-V Curves Of PV Module

