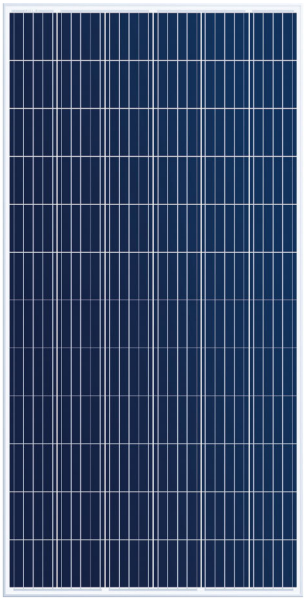
FSPB5 72 Cell (5BB)



- 330W — Excellent module power up to 330W
- 3% — 0~+3% power output
- Weak light — Excellent energy generation in weak light
- PID free module Anti-PID material Anti-PID cell technology
- Ip67 — Stable performance due to the IP67 waterproof junction box
- Wind load of up to 2400 Pa and heavy snow load of up to 5400 Pa

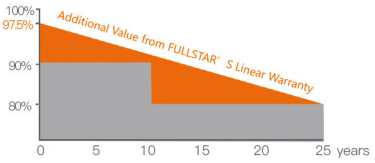
Certificate

- ISO 9001 Quality management system certificate and ISO 14001Environmental management system certificate
- OHSAS 18001 International standards for occupational health and safety
- IEC 61215 and IEC 61730 A level certifacation
- JET TUV ISO CQC CE CEC

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



Item	FS-310P-Ab	FS-315P-Ab	FS-320P-Ab	FS-325P-Ab	FS-330P-Ab
Max. Power (Pmax)	310W	315W	320W	325W	330W
Opt. Operating Current (Imp)	8.37A	8.47A	8.56A	8.66A	8.74A
Opt. Operating Voltage (Vmp)	37.04V	37.20V	37.39V	37.54V	37.76V
Short Circuit Current (Isc)	8.96A	9.01A	9.05A	9.09A	9.14A
Open Circuit Voltage (Voc)	45.89V	46.19V	46.39V	46.59V	46.90V
Module Efficiency	16.00%	16.20%	16.50%	16.70%	17.00%
Module Power Tolerance	0/+3%				
Operating Temperature	-40℃~+85 ℃				
Max. System Voltage	1000VDC(IEC)				
Max. Nominal Fuse Current	15A				
Application Level	A				
STC	Irradiance 1000W/㎡,Module temperature25℃,AM1.5				
NOCT	Irradiance 800W/㎡,Module temperature20℃,AM1.5,Wind speed1m/s				

Temperature characteristics	
Nominal Operating Cell Temperature	45±2℃
Temperature Coefficient (Pmax)	-0.410%/℃
Temperature Coefficient (Voc)	-0.340%/℃
Temperature Coefficient (Isc)	+0.049%/℃

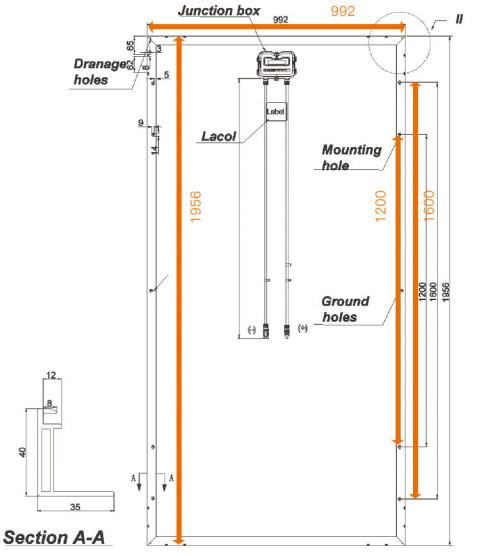
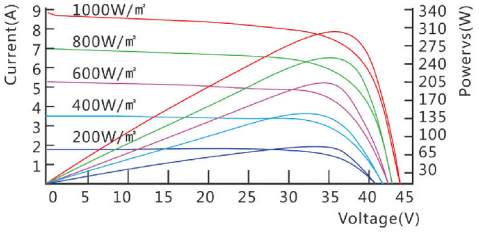
Mechanical Data	
CELL TYPE	156.75×156.75mm Polycrystalline
Cell Arrangement	72 (6×12)
Dimensions	1956×992×40mm
Weight	28kg
Front Cover	4.0mm tempered glass
Frame Material	Anodized aluminium alloy
J-Box	IP67 ,3 diodes
Cable	TUV(2Pfg1169:2007)
	4.0 mm² (0.006inches²),(-)1100mm(43.3inches)and(+)1100mm(43.3inches)
Connector	MC4

Packaging specification		
Container	20' GP	40' HC
Module quantity per pallet	26	26
Pallet quantity per container	12	28
Module quantity per container	312	728

Performance under low irradiation

Industry-leading performance under low irradiance conditions. The module efficiency of irradiance 200W/㎡ is above 96.5% of the irradiance 1000W/㎡ module efficiency

Engineering Drawing



I-V Curves Of PV Module