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# **EnergyPal**

## **Solar Panel Guide Specification Data Sheet**

**Ningbo Fullstar Solaris Co., Ltd.  
FSPDA4 Dual-Glass 60 Cell (4BB)  
FS-260PD-A4**

Also available on the web at  
[EnergyPal.com/ningbo-fullstar-solaris-co-ltd-solar-panels/fs-260pd-a4](http://EnergyPal.com/ningbo-fullstar-solaris-co-ltd-solar-panels/fs-260pd-a4)

# FSPDA4 Dual-Glass 60 Cell (4BB)



Excellent module power up to 270W



Excellent energy generation in weak light



Stable performance due to the IP67 waterproof junction box



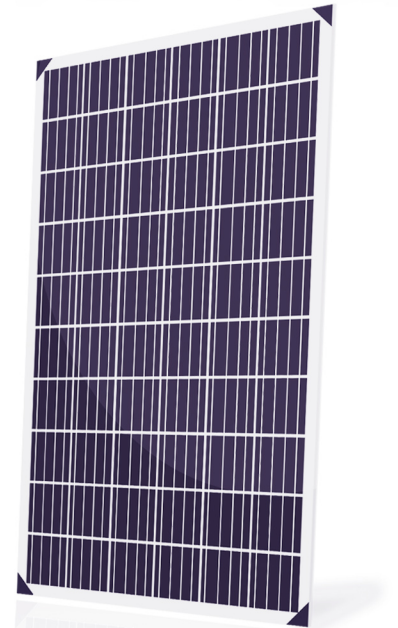
0~+3% power output



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



Wind load of up to 2400 Pa and heavy snow load of up to 5400 Pa

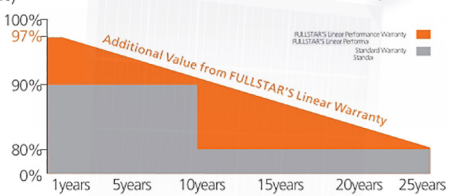


## Certificate

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



- Additional value from Fullstar linear warranty lower annual power attenuation and higher reliability
  - > First year power attenuation 2% and annual power attenuation of 0.5% afterwards
  - > Over 83% power output warranty for 25 years

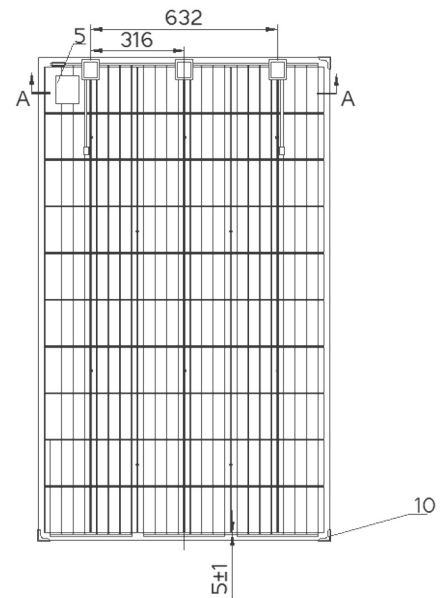


Item	FS-245PD-A4	FS-250PD-A4	FS-255PD-A4	FS-260PD-A4	FS-265PD-A4	FS-270PD-A4
Max. Power (Pmax)	245W	250W	255W	260W	265W	270W
Opt. Operating Current (Imp)	8.04A	8.15A	8.26A	8.38A	8.48A	8.59A
Opt. Operating Voltage (Vmp)	30.48V	30.68V	30.88V	31.03V	31.25V	31.44V
Short Circuit Current (Isc)	8.62A	8.71A	8.80A	8.89A	8.98A	9.07A
Open Circuit Voltage (Voc)	37.49V	37.62V	37.75V	37.88V	37.99V	38.10V
Module Efficiency	14.9%	15.2%	15.5%	15.8%	16.1%	16.4%
Module Power Tolerance	0/+3%					
Operating Temperature	-40°C~+85°C					
Max. System Voltage	1000VDC&1500VDC(IEC)					
Max. Nominal Fuse Current	15A、20A					
Application Level	A					
STC	Irradiance 1000 W/m <sup>2</sup> , Module temperature 25°C, AM					
NOCT	Irradiance 800 W/m <sup>2</sup> , Module temperature 20°C, AM 1.5, Wind speed 1m/s					

Temperature characteristics	
Nominal Operating Cell	45±2°C
Temperature Coefficient (Pmax)	-0.41%/°C
Temperature Coefficient (Voc)	-0.33%/°C
Temperature Coefficient (Isc)	0.067%/°C

Mechanical Data	
CELL TYPE	156×156mm Polycrystalline (6inches)
Cell Arrangement	60 (6×10)
Dimensions	1634×986×6mm&1658×992×6mm
Weight	24kg
Front Cover	2.5mm tempered glass
Back Cover	2.5mm Half-tempered glass
J-Box	IP67,3 diodes
Cable	TUV (2Pfg1169:2007)
Connector	MC4

## Engineering Drawing



## I-V Curves Of PV Module

