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# **EnergyPal**

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

**Zhejiang Shuqimeng Photovoltaic Technology Co.,  
Ltd.**

**Poly 156 250-285  
SE280P-24/Fc**

Also available on the web at  
[EnergyPal.com/zhejiang-shuqimeng-photovoltaic-technology-co-ltd-solar-panels/se280p-24-fc](http://EnergyPal.com/zhejiang-shuqimeng-photovoltaic-technology-co-ltd-solar-panels/se280p-24-fc)



## 156 SERIES MULTI PANELS (250WP-290WP)

Zhejiang Shuqiming Photovoltaic Technology Co., Ltd.



MECHANICAL PARAMETERS		WORKING CONDITIONS		
Cell	Multi 156mm x 156mm	Maximum System Voltage	1000V	
Weight	23kg	Typical Application	24V	
Dimensions(L x W x H)	1956mm x 992mm x 50mm	Operating Temperature	-40°C ~ +85°C	
Front Glass	3.2mm thick	Maximum Series Fuse	12A	
Number of Cells	72(6 x 12)	Wind Resistance	2400Pa	
Type of Output Terminal	Junction box(IP65)	Application Class	Class A	
Cable Length	1000mm	Safety Class	Class II	
Cable Cross Section Size	φ4mm <sup>2</sup>	PACKING CONFIGURATION		
Number of Diodes	3	Box	Pallet	Container
Type of Connector	Locking type plug	2pcs/box	40pcs/pallet	440pcs/40' HQ

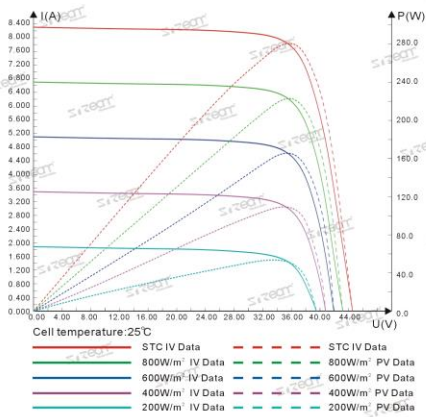
Standard test condition: 1000W/m<sup>2</sup>, AM=1.5, 25°C

ELECTRICAL PARAMETERS							
Type	Max. Power (P <sub>m</sub> / W)	Max. Power Current(I <sub>m</sub> /A)	Short Circuit Current(I <sub>sc</sub> /A)	Max. Power Voltage(V <sub>m</sub> /V)	Open Circuit Voltage(V <sub>oc</sub> /V)	Module Efficiency (%)	Cell Efficiency (%)
SE285P-24/Fc	285	7.97	8.40	35.8	44.6	14.7	16.3
SE280P-24/Fc	280	7.87	8.31	35.6	44.4	14.4	16.1
SE275P-24/Fc	275	7.77	8.22	35.4	44.2	14.2	15.8
SE270P-24/Fc	270	7.68	8.13	35.2	44.0	13.9	15.5
SE265P-24/Fc	265	7.58	8.04	35.0	43.8	13.7	15.2
SE260P-24/Fc	260	7.48	7.96	34.8	43.6	13.4	14.9
SE255P-24/Fc	255	7.37	7.87	34.6	43.4	13.1	14.6
SE250P-24/Fc	250	7.27	7.78	34.4	43.2	12.9	14.3
NOCT: 45°C ±2°C		Power Tolerance: ±3%		Temperature Coefficient of I <sub>sc</sub> :		+0.044 %/°C	
				Temperature Coefficient of V <sub>oc</sub> :		-0.314 %/°C	
				Temperature Coefficient of P <sub>m</sub> :		-0.446 %/°C	

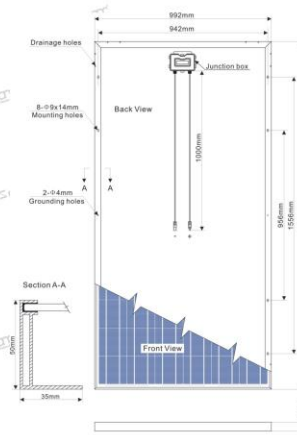
### WARRANTY

5 years limited product warranty  
 10 years at 90% of the minimal rated power output  
 25 years at 80% of the minimal rated power output

### CHARACTERISTIC CURVES



### DIMENSIONS OF PV MODULE



HIGH PERFORMANCE PHOTOVOLTAIC MODULES SERIES

PV CYCLE IEC CE

altermia ISO9001:2008

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