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# **EnergyPal**

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

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

**Mono 125 215-245**

**SE245M-30/E**

Also available on the web at  
[EnergyPal.com/zhejiang-shuqimeng-photovoltaic-technology-co-ltd-solar-panels/se245m-30-e](http://EnergyPal.com/zhejiang-shuqimeng-photovoltaic-technology-co-ltd-solar-panels/se245m-30-e)



# 125 SERIES MONO PANELS (215WP-245WP)

Zhejiang Shuqiming Photovoltaic Technology Co., Ltd.



## Technical Datasheet

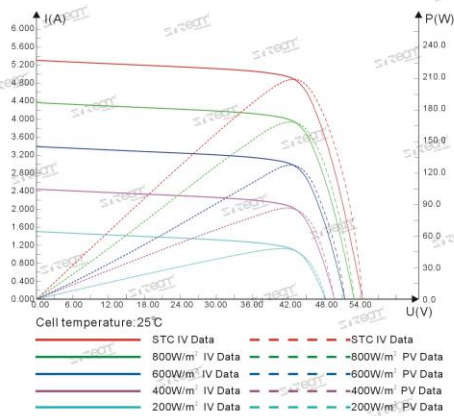
MECHANICAL PARAMETERS		WORKING CONDITIONS	
Cell	Mono 125mm x 125mm	Maximum System Voltage	1000V
Weight	19kg	Typical Application	30V
Dimensions(L x W x H)	1462mm x 1064mm x 50mm	Operating Temperature	-40°C ~ +85°C
Front Glass	3.2mm thick	Maximum Series Fuse	8A
Number of Cells	88(8 x 11)	Wind Resistance	5400Pa
Type of Output Terminal	Junction box(IP65)	Application Class	Class A
Cable Length	900mm	Safety Class	Class II
Cable Cross Section Size	Φ4mm <sup>2</sup>	PACKING CONFIGURATION	
Number of Diodes	4	Box	Pallet
Type of Connector	Locking type plug	2pcs/box	42pcs/pallet
			Container
			588pcs/40' HQ

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

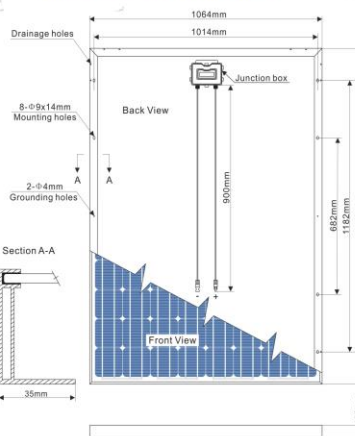
ELECTRICAL PARAMETERS							
Type	Max. Power (Pm / W)	Max. Power Current(Imp/A)	Short Circuit Current(Isc/A)	Max. Power Voltage(Vm/V)	Open Circuit Voltage(Voc/V)	Module Efficiency (%)	Cell Efficiency (%)
SE245M-30/E	245	5.31	5.61	46.2	55.7	15.7	17.9
SE240M-30/E	240	5.26	5.57	45.7	55.5	15.4	17.6
SE235M-30/E	235	5.20	5.53	45.2	55.3	15.1	17.2
SE230M-30/E	230	5.15	5.49	44.7	55.1	14.8	16.8
SE225M-30/E	225	5.10	5.45	44.2	54.9	14.5	16.5
NOCT: 45°C ±2°C		Power Tolerance: ±3%		Temperature Coefficient of Isc:		+0.043 %/°C	
				Temperature Coefficient of Voc:		-0.34 %/°C	
				Temperature Coefficient of Pm:		-0.50 %/°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

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