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Solar Panel Guide Specification Data Sheet

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

Mono 125 215-245

SE230M-30/E

Also available on the web at
EnergyPal.com/zhejiang-shuqimeng-photovoltaic-technology-co-ltd-solar-panels/se230m-30-e



125 SERIES MONO PANELS (215WP-245WP)

Zhejiang Shuqiming Photovoltaic Technology Co., Ltd.



Technical Datasheet

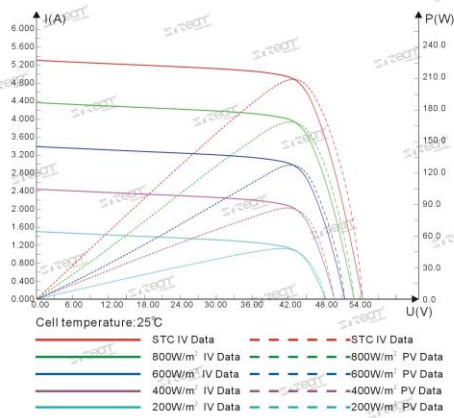
| MECHANICAL PARAMETERS | | WORKING CONDITIONS | |
|--------------------------|------------------------|------------------------|---------------|
| Cell | Mono 125mm x 125mm | Maximum System Voltage | 1000V |
| Weight | 19kg | Typical Application | 30V |
| Dimensions(L x W x H) | 1462mm x 1064mm x 50mm | 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 ² | 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/m², AM=1.5, 25°C

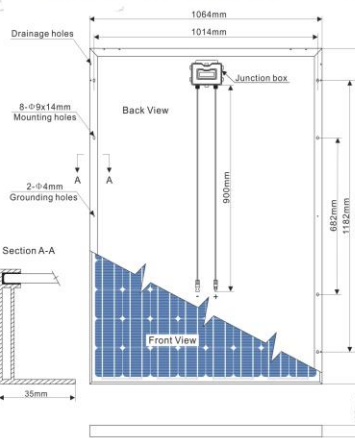
| ELECTRICAL PARAMETERS | | | | | | | |
|-----------------------|---------------------|---------------------------|------------------------------|---------------------------------|-----------------------------|-----------------------|---------------------|
| Type | Max. Power (Pm / W) | Max. Power Current(Imp/A) | 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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