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Solar Panel Guide Specification Data Sheet

Zhejiang Powerwell Solar Energy Co., Ltd.

BW-SM230-245M54

BW-SM235M

Also available on the web at

EnergyPal.com/zhejiang-powerwell-solar-energy-co-ltd-solar-panels/bw-sm235m



BW-SM230-245M54

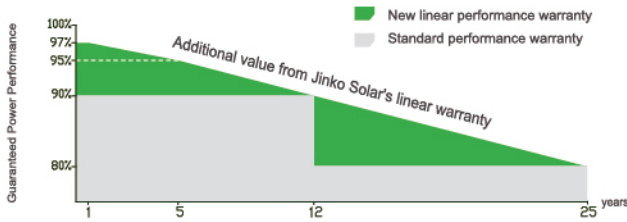
Monocrystalline Solar Module

KEY FEATURES

- Entire module certified to withstand high wind loads (2400 Pascal) and snow loads (5400 Pascal)
- Perfect module self-cleaning capability, reduce power loss caused by dust (soiling effect)
- More elegant cell and module appearance
- Excellent performance in low-light irradiance environment
- High salt mist and ammonia resistance



Premium Performance Warranty



* Based on customer requirements and contract terms



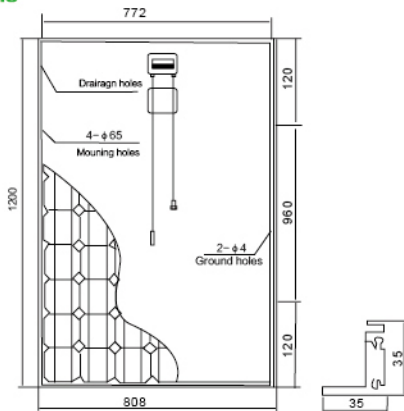
ISO 9001:2008
ISO 14001:2004
OHSAS 18001:2007



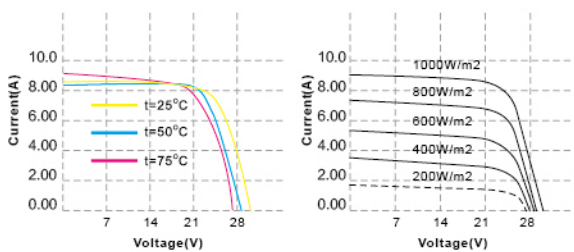
IEC 61215:2005
EN 61730-1:2007
EN 61730-2:2007



Dimensions



I-V Curves



General Data

Cell	Monocrystalline 156mmx156mm
No. of cells	54 in series (6x9)
Weight	15.8kg
Dimensions	1480X992x40(mm)
Produced in accordance with	TUV/IEC 61215/EN 61730

Electrical Data

(STC: Irradiance 1000w/m², module temperature 25OC, AM=1.5)

Power	230Wp	235Wp	240Wp	245Wp
Open circuit voltage	32.4V	32.4V	32.4V	32.4V
Maximum power voltage	27V	27V	27V	27V
Short circuit current	9.37A	9.57A	9.77A	9.98A
Maximum power current	8.51A	8.70A	8.88A	9.07A
Module Conversion Efficiency	15.66%	16.00%	16.34%	16.69%
Maximum system voltage	1000V			
Operating temperature	-40OC to +90OC			
NOCT	45OC ± 2OC			
Temperature coefficient of Isc	+0.05%/OC			
Temperature coefficient of Voc	-0.34%/OC			
Temperature coefficient of Pm	-0.5%/OC			

Specifications included in this datasheet are subject to change without prior notice.