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Solar Panel Guide Specification Data Sheet

Zhejiang Powerwell Solar Energy Co., Ltd.

BW-SM150-160P36

BW-SM150P

Also available on the web at

EnergyPal.com/zhejiang-powerwell-solar-energy-co-ltd-solar-panels/bw-sm150p



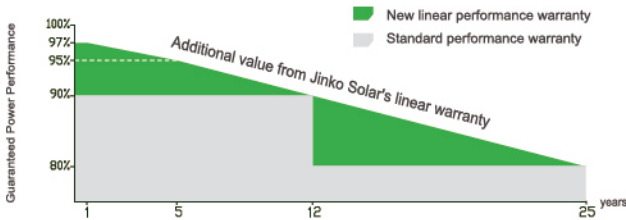
BW-SM150-160P36

Polycrystalline Solar Module

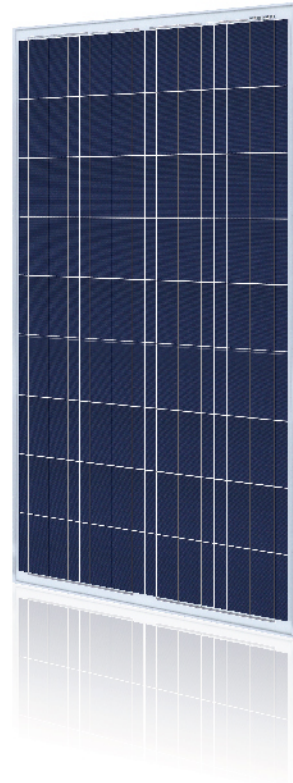
KEY FEATURES

- 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



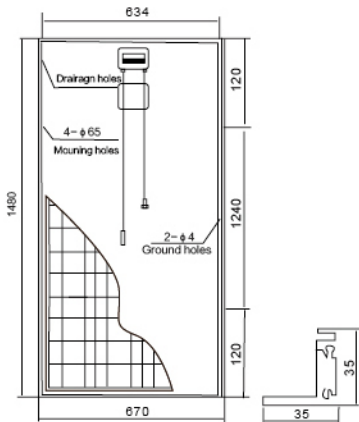
ISO 9001:2008
ISO 14001:2004
OHSAS 18001:2007



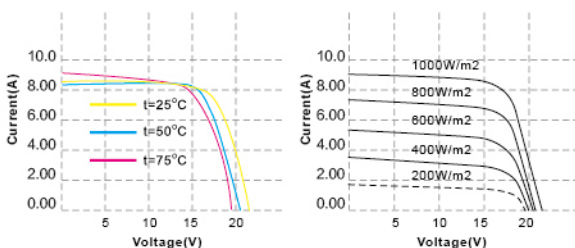
IEC 61215:2005
EN 61730-1:2007
EN 61730-2:2007



Dimensions



I-V Curves



Cell	Polycrystalline 156mmx156mm		
No. of cells	36 in series (4x9)		
Weight	12.5kg		
Dimensions	1480x670x35(mm)		
Produced in accordance with	TUV/IEC 61215/EN 61730		

Electrical Data			
(STC: Irradiance 1000w/m ² , module temperature 25OC, AM=1.5)			
Power	150Wp	155Wp	160Wp
Open circuit voltage	21.6V	21.6V	21.6V
Maximum power voltage	18V	18V	18V
Short circuit current	9.16A	9.47A	9.77A
Maximum power current	8.33A	8.61A	8.88A
Module Conversion Efficiency	15.22%	15.63%	16.13%
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.