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# **EnergyPal**

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

**Zhejiang Powerwell Solar Energy Co., Ltd.**

**BW-SM75-80P18**

**BW-SM80P**

Also available on the web at

[EnergyPal.com/zhejiang-powerwell-solar-energy-co-ltd-solar-panels/bw-sm80p](http://EnergyPal.com/zhejiang-powerwell-solar-energy-co-ltd-solar-panels/bw-sm80p)



# BW-SM75-80P18

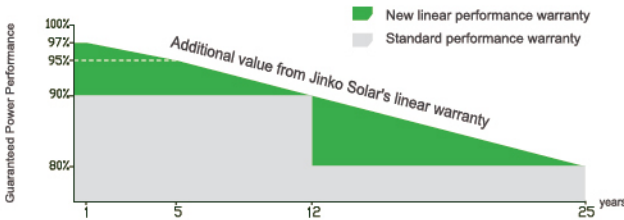
## Polycrystalline Solar Module

### 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



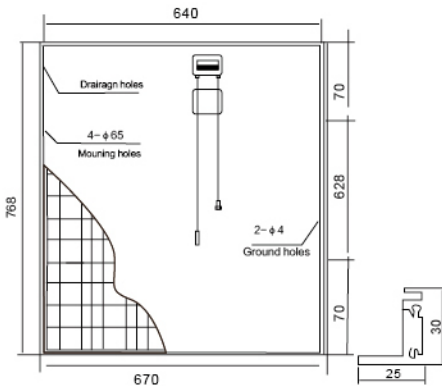
ISO 9001:2008  
ISO 14001:2004  
OHSAS 18001:2007



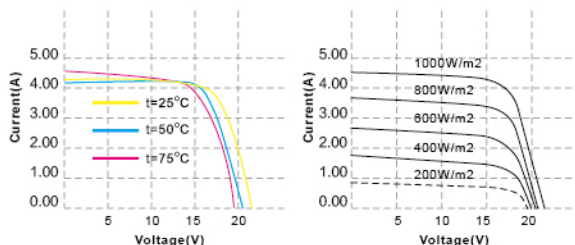
IEC 61215:2005  
EN 61730-1:2007  
EN 61730-2:2007



### Dimensions



### I-V Curves



Cell	Polycrystalline 156mmx78mm
No. of cells	36 in series (4x9)
Weight	6.0kg
Dimensions	768x670x30(mm)
Produced in accordance with	TUV/IEC 61215/EN 61730

Electrical Data		
(STC: Irradiance 1000w/m <sup>2</sup> , module temperature 25OC, AM=1.5)		
Power	75Wp	80Wp
Open circuit voltage	21.6V	21.6V
Maximum power voltage	18V	18V
Short circuit current	4.58A	4.88A
Maximum power current	4.16A	4.44A
Module Conversion Efficiency	14.66%	15.64%
Maximum system voltage	750V	
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.