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# **EnergyPal**

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

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

**BW-SM230-240P54**

**BW-SM235P**

Also available on the web at

[EnergyPal.com/zhejiang-powerwell-solar-energy-co-ltd-solar-panels/bw-sm235p](http://EnergyPal.com/zhejiang-powerwell-solar-energy-co-ltd-solar-panels/bw-sm235p)



# BW-SM230-240P54

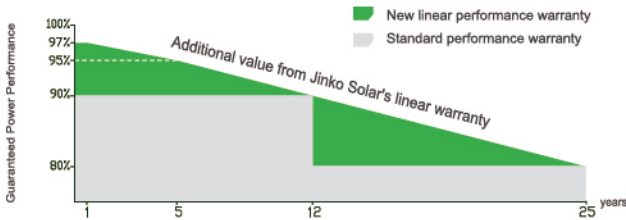
## Polycrystalline Solar Module

### 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



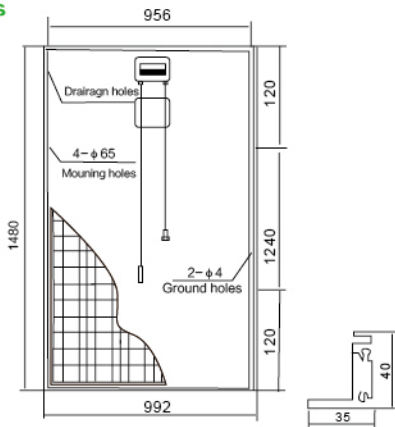
### Premium Performance Warranty



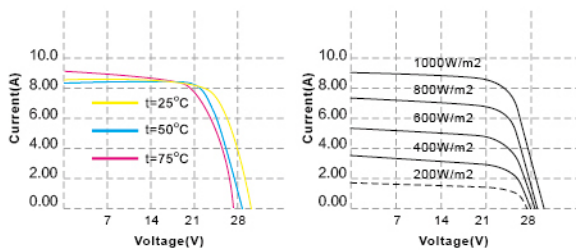
\* Based on customer requirements and contract terms



### Dimensions



### I-V Cures



Cell	Polycrystalline 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/m <sup>2</sup> , module temperature 25°C, AM=1.5)			
Power	230Wp	235Wp	240Wp
Open circuit voltage	32.4V	32.4V	32.4V
Maximum power voltage	27V	27V	27V
Short circuit current	9.37A	9.57A	9.77A
Maximum power current	8.51A	8.70A	8.88A
Module Conversion Efficiency	15.66%	16.00%	16.34%
Maximum system voltage	1000V		
Operating temperature	-40°C to +90°C		
NOCT	45°C ± 2°C		
Temperature coefficient of I <sub>sc</sub>	+0.05%/°C		
Temperature coefficient of V <sub>oc</sub>	-0.34%/°C		
Temperature coefficient of P <sub>m</sub>	-0.5%/°C		

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