



# BW-SM100-105P24

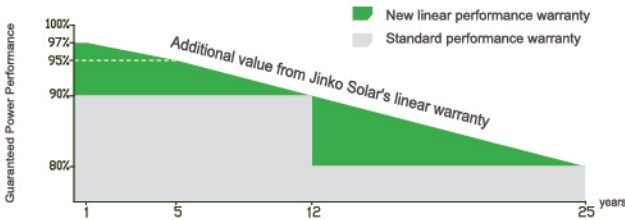
## Polycrystalline Solar Module

### 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



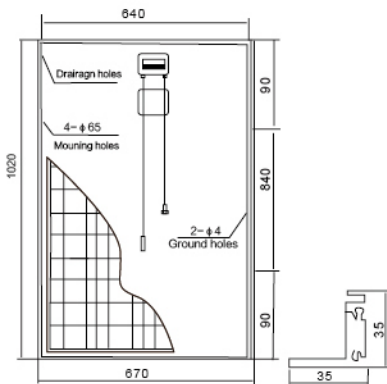
ISO 9001:2008  
ISO 14001:2004  
OHSAS 18001:2007



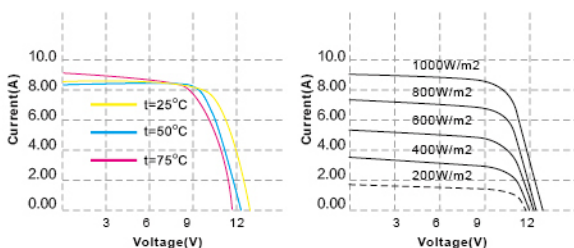
IEC 61215:2005  
EN 61730-1:2007  
EN 61730-2:2007



### Dimensions



### I-V Curves



### General Data

Cell	Polycrystalline 156mmx156mm
No. of cells	24 in series (4x6)
Weight	9.0kg
Dimensions	1020x670x35 (mm)
Produced in accordance with	TUV/IEC 61215/EN 61730

### Electrical Data

(STC: Irradiance 1000w/m<sup>2</sup>, module temperate 25OC, AM=1.5)

Power	100Wp	105Wp
Open circuit voltage	14.4V	14.4V
Maximum power voltage	12V	12V
Short circuit current	9.16A	9.62A
Maximum power current	8.33A	8.75A
Module Conversion Efficiency	14.72%	15.45%
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.