



BW-SM100-105M36

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



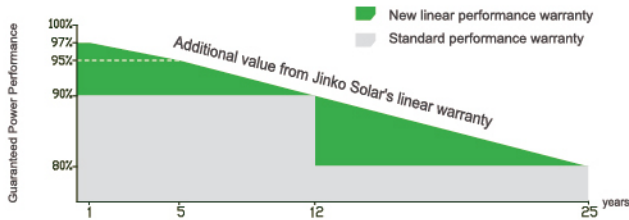
Excellent performance in low-light irradiance environment



High salt mist and ammonia resistance



Premium Performance Warranty



* Based on customer requirements and contract terms



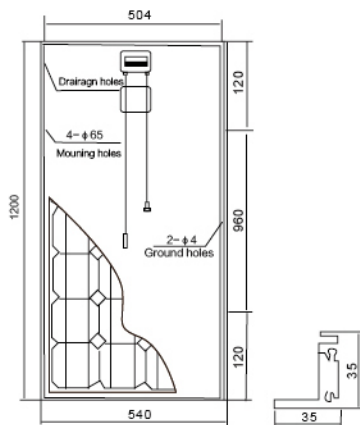
ISO 9001:2008
ISO 14001:2004
OHSAS 18001:2007



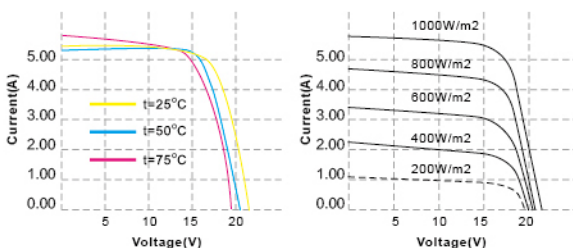
IEC 61215:2005
EN 61730-1:2007
EN 61730-2:2007



Dimensions



I-V Curves



General Data

Cell	Monocrystalline 125mmx125mm
No. of cells	36 in series (4x9)
Weight	8.0kg
Dimensions	1200x540x35 (mm)
Produced in accordance with	TUV/IEC 61215/EN 61730

Electrical Data

(STC: Irradiance 1000W/m², module temperature 25°C, AM=1.5)

Power	100Wp	105Wp
Open circuit voltage	21.6V	21.6V
Maximum power voltage	18V	18V
Short circuit current	6.11A	6.41A
Maximum power current	5.55A	5.83A
Module Conversion Efficiency	15.43%	16.2%
Maximum system voltage	1000V	
Operating temperature	-40°C to +90°C	
NOCT	45°C ± 2°C	
Temperature coefficient of Isc	+0.05%/°C	
Temperature coefficient of Voc	-0.34%/°C	
Temperature coefficient of Pm	-0.5%/°C	

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