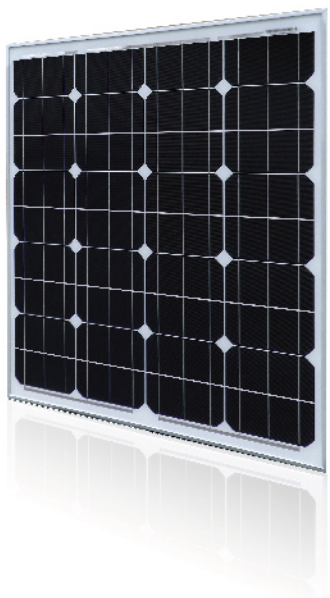
BW-SM50M18

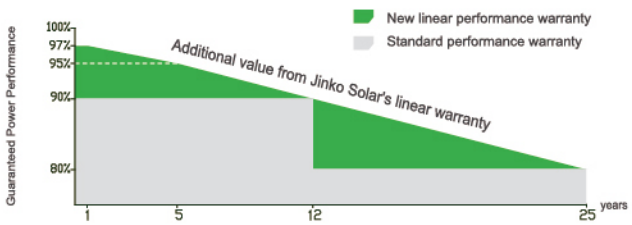
Monocrystalline Solar Module

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



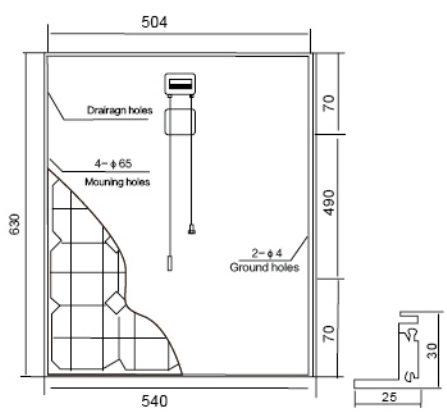
* Based on customer requirements and contract terms

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

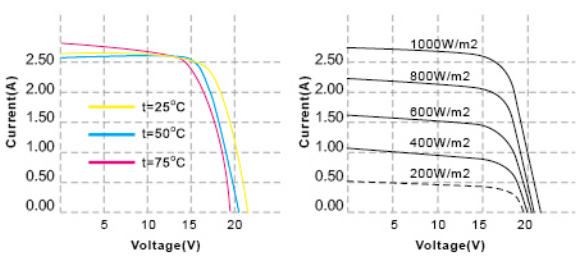
IEC 61215:2005
EN 61730-1:2007
EN61730-2:2007

IEC SGS CE

Dimensions



I-V Cures



General Data

Cell	Monocrystalline125mmx62.5mm
No.of cells	36 in series(4x9)
Weight	4.5kg
Dimensions	630x540x30(mm)
Produced in accordance with	TUV/IEC 61215/EN 61730

Electrical Data

(STC:Irradiance 1000w/m2,module temperate 25OC,AM=1.5)

Power	50Wp
Open circuit voltage	21.6V
Maximum power voltage	18V
Short circuit current	3.05A
Maximum power current	2.77A
Module Conversion Efficiency	14.69%
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.