



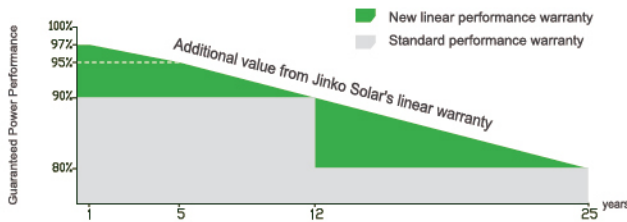
# BW-SM200-220M48

## 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



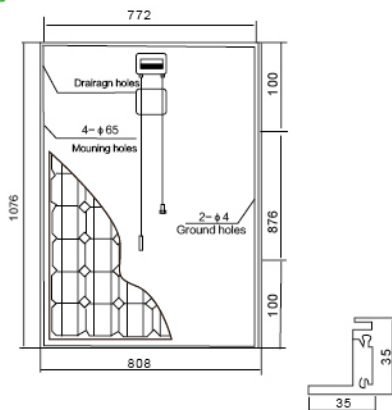
ISO 9001:2008  
ISO 14001:2004  
OHSAS 18001:2007



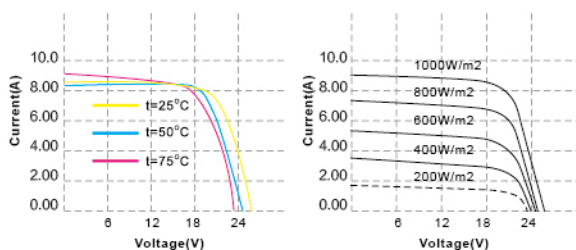
IEC 61215:2005  
EN 61730-1:2007  
EN 61730-2:2007



### Dimensions



### I-V Cures



|                             |                             |
|-----------------------------|-----------------------------|
| Cell                        | Monocrystalline 156mmx156mm |
| No. of cells                | 48 in series (6x8)          |
| Weight                      | 14kg                        |
| Dimensions                  | 1320x992x40(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                          | 200Wp          | 205Wp  | 210Wp  | 215Wp  | 220Wp |
|--------------------------------|----------------|--------|--------|--------|-------|
| Open circuit voltage           | 28.8V          | 28.8V  | 28.8V  | 28.8V  | 28.8V |
| Maximum power voltage          | 24V            | 24V    | 24V    | 24V    | 24V   |
| Short circuit current          | 9.16A          | 9.39A  | 9.62A  | 9.85A  | 10A   |
| Maximum power current          | 8.33A          | 8.54A  | 8.75A  | 8.95A  | 9.16A |
| Module Conversion Efficiency   | 15.27%         | 15.65% | 16.04% | 16.42% | 16.8% |
| 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.