

# ALL BLACK FRAMED

## JNS60MB - 320-335Wp



Tested in extreme weather conditions – resistance to salt spray, frost and hail-proof, resistance to ammonia, dust and sand



PID-resistant and proven hotspot guarantee



Able to handle loads up to 5400Pa



High-transmissive front glass and anti-reflective coating



Highly-efficient cells (mono PERC) for the highest possible yields.



Positive tolerance (-0Wp, +5Wp)



25-year linear performance warranty

Mechanical Support  
**GERMANY**

JNL Solar devote itself to solar power plant developing, operating and maintenance, R&D manufacturing and manufacturer of solar modules, solar cells. JNL Solar equipped professional advanced automatic production line and possessed advanced technique and craftwork. JNL Solar has been involved in investment domestic and international power plan, such as USA, Deutschland, France, Spain, Japan, India, South Africa, South Korea, Canada, etc. and all the power plants are success to on-grid and generating well.



# TECHNICAL & ELECTRICAL DATA

## Electrical data

Peak Power (Pmax)	335	330	325	320
Module Efficiency	20,08%	19,78%	19,48%	19,18%
Max. Power Voltage Vmp (V)	34.1	33.9	33.7	33.5
Max. Power Current Imp (A)	9.83	9.74	9.65	9.55
Open Circuit Voltage Voc (V)	40.5	40.3	40.1	39.9
Short Circuit Current Isc (A)	10.38	10.28	10.18	10.08
Power tolerance	- 0, +5W			
Max System Voltage (V)	DC 1000V / 1500V			
Max Series Fuse Rating	15A			

STC: Irradiance 1000W/m<sup>2</sup>, Cell Temperature 25°C, Air Mass AM1.5  
 Measuring tolerance: +-3%  
 Potential Induced Degradation (PID) free, IEC61215, IEC61730,  
 increased snow load up to 5400Pa.

## Méchanical and Operating Parameters

Dimensions	1665 x 1002 x 35
Weight (kg)	19.0
Solar Cells Type	Monocrystal 158.75mm x 158.75 mm
Junction Box	IP67
Mechanical Loading	5400Pa
Frame	Anodized Aluminium Alloy
Cables	4mm <sup>2</sup> , 1000mm
Connector	MC4 or compatible
Glass	3,2mm AR tempered

## Temperature Ratings

Temperature Coefficient of Pmax	-0.37%/°C
Temperature Coefficient of Voc	-0.30%/°C
Temperature Coefficient of Isc	0.06%/°C
Operational Temperature	-40~+85°C
NOCT (Nominal Operating Cell Temperature)	45± 2°C

Authorized Dealer



CAUTION: Read safety installations instructions before using the product  
 JNLSolar All rights reserved. Specifications included in this datasheet are subject  
 to change without notice.

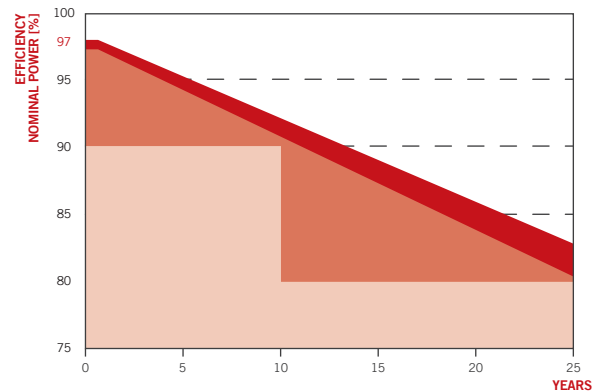
## Temperature Coefficient

Temp. Coefficient Isc (TK Isc)	0,06%/°C
Temp. Coefficient Voc (TK Voc)	- 0,30%/°C
Temp. Coefficient Power (TK Voc)	- 0,37%/°C

## Warranties and Certifications

Certifications	IEC61215
Certifications	IEC61730
Product Warranty	15 years
Performance Warranty	25 years*

\*Linear degradation



## Packaging

Container	20GP	40HQ
Quantity/Pallet	30	30
Pallets/Container	12	28
Quantity/Container	360	924

