



# JNLSOLAR

SOLAR TECHNOLOGY

## Monocrystalline JNS60MB 295-310Wp



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, +10Wp)



25-year linear performance warranty



● ● ● Technical 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)	310	305	300	295
Module Efficiency	18,94%	18,63%	18,33%	18,02%
Max. Power Voltage Vmp (V)	34,22	33,86	33,54	33,16
Max. Power Current Imp (A)	9,06	9,01	8,95	8,9
Open Circuit Voltage Voc (V)	39,72	39,62	39,53	39,42
Short Circuit Current Isc (A)	9,82	9,71	9,6	9,48
Power tolerance	- 0, +10W			
Max System Voltage (V)	DC 1000V			
Number of Bypass Diode	3			
Blown fuse current	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.

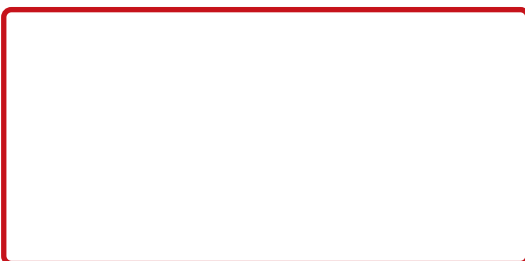
## Méchanical and Operating Parameters

Dimentions	1650 x 992 x 35
Weight (kg)	18,5
Solar Cells Type	156,75mm x 156,75mm (5BB)
Junction Box	IP67
Mechanical Loading	5400Pa
Frame	Black Anodized Aluminium
Cables	4mm <sup>2</sup> , 1000mm
Connector	MC4 or compatible
Glass	3,2mm

## Temperature Ratings

Operating Temperature	-40°C - 85°C
Nominal Operating Cell Temp	47 +/- 2°C

Authorized Dealer



CAUTION: Read safety installations instructions before using the product  
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 to change without notice.

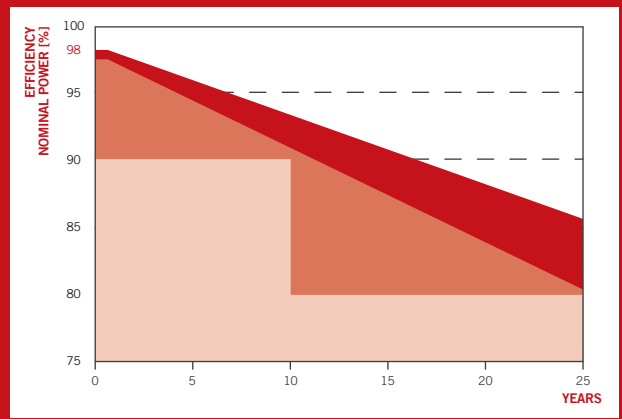
## Temperature Coefficient

NOCT	47 +/- 2°C
Temp. Coefficient Isc (TK Isc)	0,06%/°C
Temp. Coefficient Voc (TK Voc)	- 0,34%/°C
Temp. Coefficient Power (TK Voc)	- 0,42%/°C

## Warranties and Certifications

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

\*Linear degradation  
 92,6% after 10 years - 86% after 25 years



## Packaging

Pieces per Pallet	30
Pieces per container 40' HQ	840
Pallets per container 40' HQ	28

