

0~+5W Positive power tolerance | 20.97% Maximum efficiency

JNL SOLAR, A HIGH-QUALITY MODULE THANKS TO ITS HIGH-PERFORMANCE DESIGN

Extensive experience in technology, constant innovation and sustainable optimisation form the basis for the performance of our high-quality modules. JNL Solar ensures all stages of construction at its production site, enabling us to guarantee our customers the highest quality for every step, from assembly to finition.

Our modules are extremely versatile in their use. They offer suitable solutions for any installation and sustainable performance worldwide.



Elegant design for perfect integration on the roof - a completely black photovoltaic module from cell to frame.



Additional efficiency and easy maintenance thanks to the highly transparent self-cleaning glass.



Long-term safety and top performance guaranteed. 25 year performance guarantee and 25 year product guarantee.



Front panel with anti-reflet coating.



High conversion efficiency thanks to high quality modules and advanced cell technology.



PID resistance and hotspot protection vérifiée and rigorous production process.



Ideal for private or commercial installations. High power reduces installation costs.



High fiability through rigorous quality control. More than 30 internal tests (UV, HF, and many others). Our tests go beyond the requirements of certification.

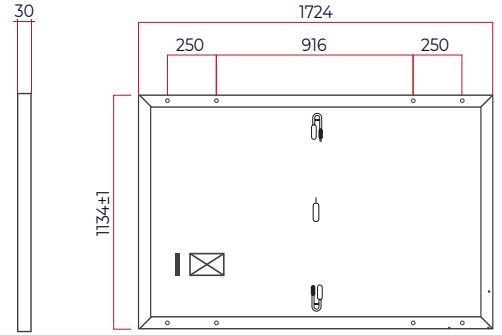


Our panels are tested and certified to withstand extreme environmental conditions: wind loads (2400 Pa) and snow loads (5400 Pa).



MECHANICAL CHARACTERISTICS

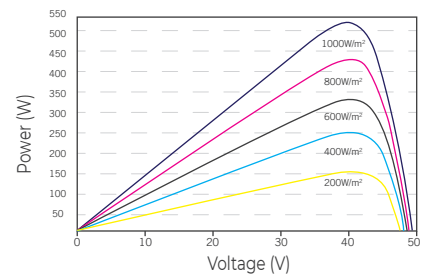
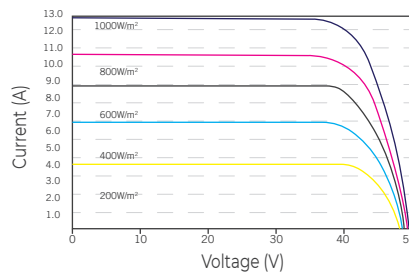
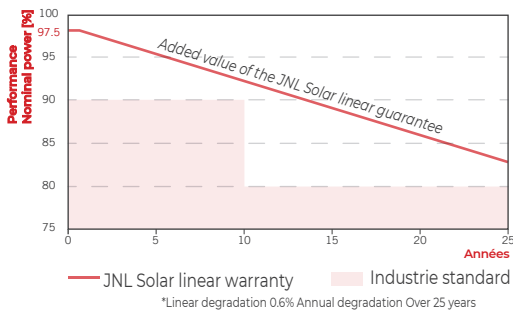
Dimensions	1724 mm x 1134mm x 30mm (avec cadre)
Weight	21,5 kg
Cells	Monocrystal Silicon 182mm x 91mm-10BB
Front panel	3,2mm
Frame	Anodized Aluminium Alloy
Junction box	IP68
Cable	4mm ² , 1100mm
Connector	MC4 Compatible
Wind/Snow Load	≤ 5400 Pa



ELECTRICAL CHARACTERISTICS

POWER CLASSES		390	395	400	405	410
Power at maximum power point	P_{max}	390	395	400	405	410
Tention hold	U_{oc}	36,53	36,73	36,93	37,13	37,33
Tention at the point of maximum power	U_{mpp}	30,41	30,62	30,83	31,04	31,25
Short circuit current	I_{sc}	13,62	13,69	13,76	13,83	13,90
Current at maximum power point	I_{mp}	12,83	12,90	12,98	13,05	13,12
Module efficiency	N_m	19,95%	20,20%	20,46%	20,72%	20,97%
Power tolerance		0~+5W				
Maximum system voltage		DC 1500V (TUV) / 1000V (UL)				
Maximum rating of the series fuse		25A				

STC : Irradiance 1000W/m², 25°C, AM 1.5



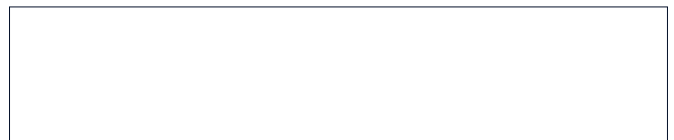
TEMPERATURE COEFFICIENTS

Temperature coefficient Isc	0.048%/°C	Operating Temperature	-40±85°C
Temperature Coefficient Voc	-0.27%/°C	Nominal operating temperature of the module	44±2°C
Temperature coefficient Pmax	-0.35%/°C		

PACKAGING INFORMATION

Container	40 HQ
Quantity / pallet	36 pièces
Pallets / Container	26 pièces
Quantity / container	936 pièces

PACKAGING INFORMATION



CERTIFICATIONS :



IEC 61215-1:2016 - IEC 61215-1-1:2016 - IEC 61215-2:2016 - IEC 61730-1:2016 - IEC 61730-2:2016 - EN 61215-1:2016 - EN 61215-1-1:2016 - EN 61215-2:2017 - EN IEC 61730-1:2018 - EN IEC 61730-1:2018/AC:2018-06 - EN IEC 61730-2:2018 - EN IEC 61730-2:2018/AC:2018-0

CAUTION: Read the instructions for safety installations before using the product JNLSolar (All rights reserved) © 2022. The specifications included in this fiche technique may be modified without notice.