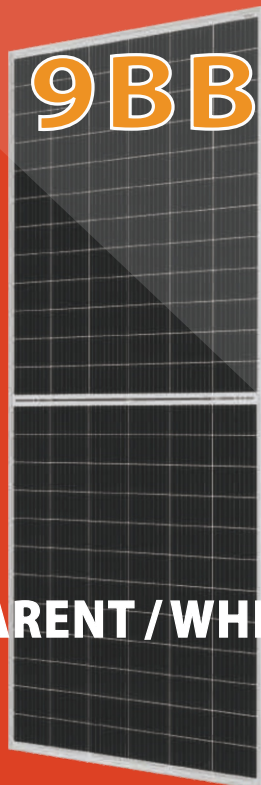


LUXEN

# LUXCLEAR<sup>®</sup> MONO 390-410w

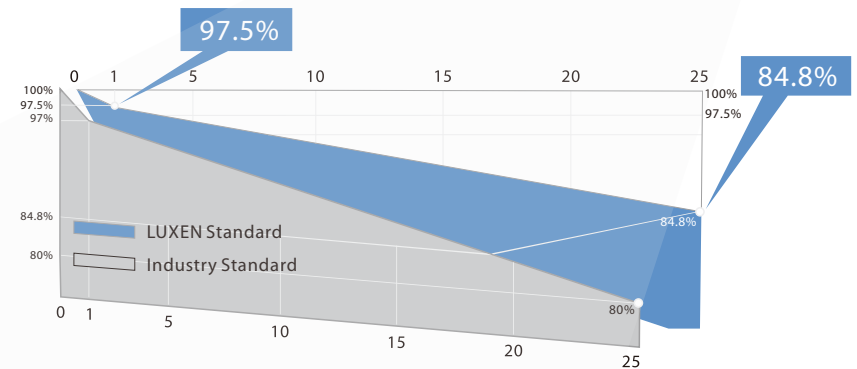
LUXCLEAR<sup>®</sup> series with powerful performance and high transmittance are ideal for both installations with most strict demands of durability and projects of building.

144cells  
Transparent Backsheet



TRANSPARENT / WHITE

## LINEAR PERFORMANCE WARRANTY 25-year power warranty · 12-year product warranty



ISO9001:2015 QMS  
ISO14001:2015 EMS  
ISO45001:2018 OHSMS



IEC61215 & IEC61730  
standard quality



Smaller electric current, less CTM loss  
Lower risk of hot spot



Wind load up to 3800Pa  
Snow load up to 5400Pa



+5W 0-5W positive power sorting



Stable performance under  
weak light conditions



Tier 1 Solar Module  
Manufacturer by BNEF



# MONO 390-410w 144 cells 9BB

# LUXEN

## ELECTRICAL PARAMETERS

LNSU-390MB LNSU-395MB LNSU-400MB LNSU-405MB LNSU-410MB

	STC	STC	STC	STC	STC
Maximum Power (Pmax)	390W	395W	400W	405W	410W
Open Circuit Voltage (Voc)	49.03V	49.47V	49.85V	50.34V	50.77V
Short Circuit Current (Isc)	10.26A	10.29A	10.33A	10.35A	10.38A
Voltage at Maximum Power (Vmp)	40.63V	40.93V	41.24V	41.54V	41.84V
Current at Maximum Power (Imp)	9.60A	9.65A	9.70A	9.75A </td <td>9.80A</td>	9.80A
Module Efficiency(%)	19.38%	19.63%	19.88%	20.13%	20.38%

## BIFACIAL OUTPUT-REAR SIDE POWER GAIN

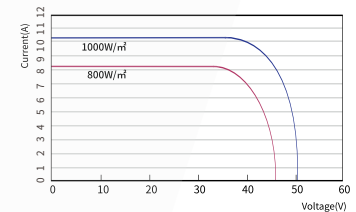
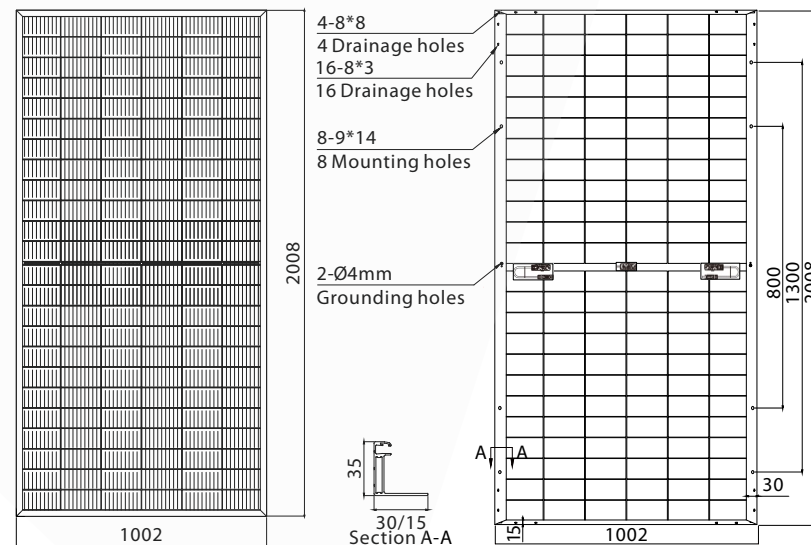
<b>5%</b>	Maximum Power (Pmax)	410W	415W	420W	425W	431W
	Module Efficiency STC (%)	20.35%	20.61%	20.87%	21.14%	21.40%
<b>15%</b>	Maximum Power (Pmax)	449W	454W	460W	466W	472W
	Module Efficiency STC (%)	22.29%	22.58%	22.86%	23.15%	23.43%
<b>25%</b>	Maximum Power (Pmax)	488W	494W	500W	506W	513W
	Module Efficiency STC (%)	24.23%	24.54%	24.85%	25.16%	25.47%

## Packing Configuration

Container	20' GP	40' HQ
Pieces per pallet	31	31
Pallets per container	10	22
Pieces per container	310	682

## Mechanical Characteristics

Solar Cell	MONO158.75x79.375mm
No.of Cell	144(6x24)
Dimensions	2008x1002x35mm
Weight	21.5kgs
Front	3.2mm coated tempered glass
Frame	Anodized aluminium alloy
Junction Box	Ip68 rated(3 by pass diodes)
Output Cables	4.0mm <sup>2</sup> 300mm(+)/300mm(-) Length can be customized
Connectors	MC4 compatible
Mechanical load test	Front 5400Pa/Back 2400Pa



STC: Irradiance 1000W/m<sup>2</sup>, cell temperature 25°C, AM1.5G

Operating Module Temperature	-40°C to +85°C
Maximum System Voltage	1500V DC(IEC)
Maximum Series Fuse Rating	20A
Power Tolerance	0/+5W
<b>Temperature Characteristics</b>	
Nominal Operating Cell Temperature(NMOT)	45±2°C
Temperature Coefficient of Pmax	-0.36%/°C
Temperature Coefficient of Voc	-0.28%/°C
Temperature Coefficient of Isc	+0.05%/°C

LUXEN SOLAR ENERGY CO., LTD  
 T:+86 512 6708 1572  
 F:+86 512 6708 1570  
 sales@luxensolar.com  
 www.luxensolar.com

Note: Due to continuous technical innovation, R&D and improvement, technical data above mentioned may be of modification accordingly. LUXEN SOLAR have the sole right to make such modification at anytime without further notice.

