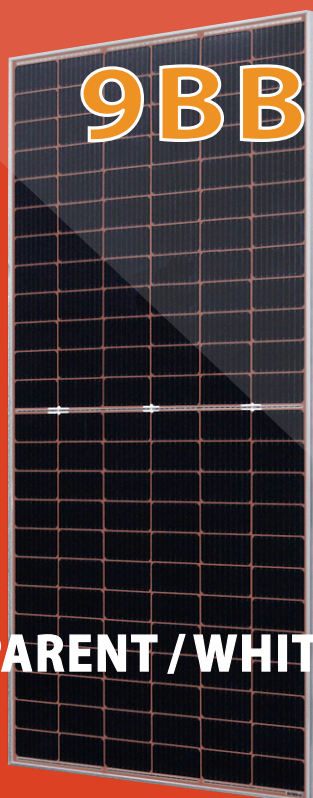


LUXEN

LUXCLEAR[®] MONO 390-410w

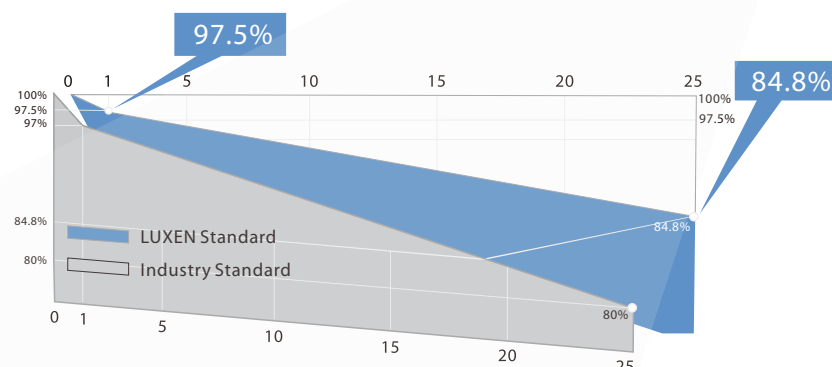
LUXCLEAR[®] series with powerful performance and high transmittance are ideal for both installations with most strict demands of durability and projects of building.

144cells
Transparent Backsheet



TRANSPARENT / WHITE

LINEAR PERFORMANCE WARRANTY



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



0-5W positive power sorting



Stable performance under
weak light conditions



25-year power warranty
12-year product warranty



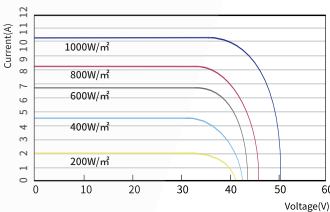
MONO 390-410w 144 cells 9BB



ELECTRICAL PARAMETERS

	LNSU-390M	LNSU-395M	LNSU-400M	LNSU-405M	LNSU-410M
	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 (Vmpp)	40.63V	40.93V	41.24V	41.54V	41.84V
Current at Maximum Power (Impp)	9.60A	9.65A	9.70A	9.75A	9.80A
Module Efficiency(%)	19.38%	19.63%	19.88%	20.13%	20.38%

LNSU-405M/I-V



STC: Irradiance 1000W/m², cell temperature 25°C, AM1.5G
NOCT: Irradiance 800W/m², ambient temperature 20°C, wind speed 1m/s, AM1.5G

BIFACIAL OUTPUT-REARSIDE POWER GAIN					
5%	Maximum Power (Pmax)	410W	415W	420W	425W
	Module Efficiency STC (%)	20.35%	20.61%	20.87%	21.14%
15%	Maximum Power (Pmax)	449W	454W	460W	466W
	Module Efficiency STC (%)	22.29%	22.58%	22.86%	23.15%
25%	Maximum Power (Pmax)	488W	494W	500W	506W
	Module Efficiency STC (%)	24.23%	24.54%	24.85%	25.16%

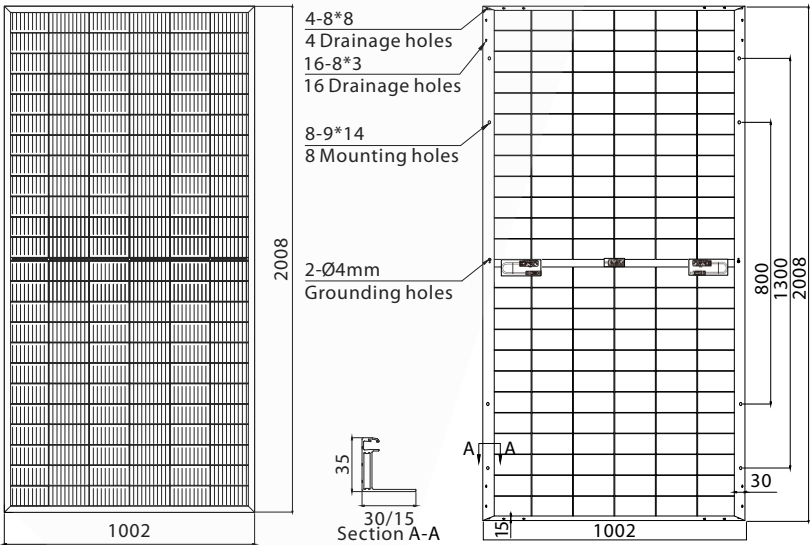
Operating Module Temperature	-40°C to +85°C
Maximum System Voltage	1500V DC(IEC)
Maximum Series Fuse Rating	20A
Power Tolerance	0/+5W
Temperature Characteristics	
Nominal Operating Cell Temperature(Noct)	45±2°C
Temperature Coefficient of Pmax	-0.36%/°C
Temperature Coefficient of Voc	-0.28%/°C
Temperature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

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	4.0mm²
	300mm(+)/300mm(-) Length can be customized
Connectors	MC4 compatible
Mechanical load test	Front 5400Pa/Back 2400Pa



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.

