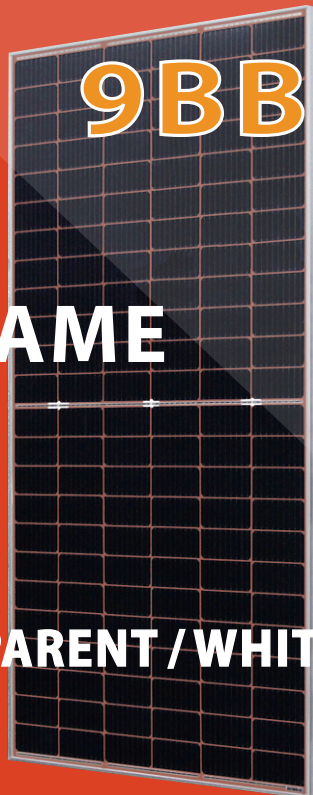


LUXEN

LUXCLEAR[®] MONO 385-405w

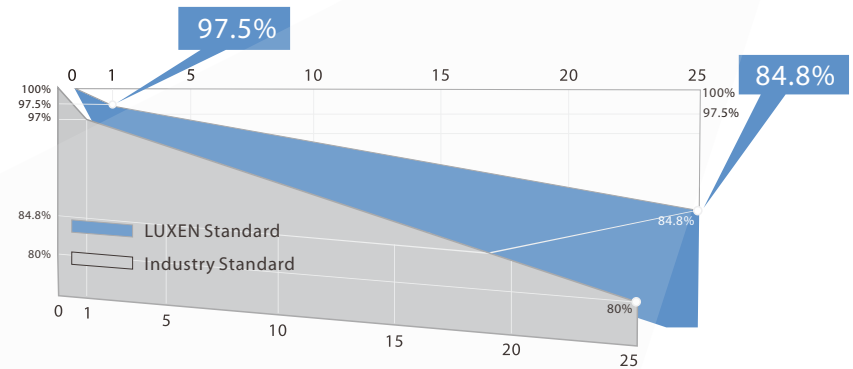
Double Glass Modules of LUXCLEAR[®] series with powerful performance and high transmittance are ideal for both installations with most strict demands of durability and projects of building.

144 cells Bifacial
Double Glass Modules



TRANSPARENT / WHITE

LINEAR PERFORMANCE WARRANTY



ISO9001:2015
management systems



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 positive power sorting



Stable performance under
weak light conditions



25-year power warranty
12-year product warranty



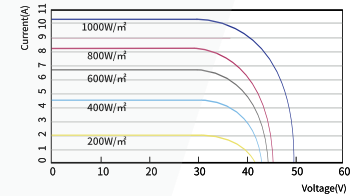
MONO 385-405w 144 cells Bifacial DG 9BB FRAME

LUXEN

ELECTRICAL PARAMETERS

	LNSU-385M		LNSU-390M		LNSU-395M		LNSU-400M		LNSU-405M	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (Pmax)	385W	286W	390W	290W	395W	294W	400W	298W	405W	302W
Open Circuit Voltage (Voc)	48.55V	45.44V	49.03V	45.72V	49.47V	45.99V	49.85V	46.26V	50.34V	46.53V
Short Circuit Current (Isc)	10.24A	8.11A	10.26A	8.17A	10.29A	8.23A	10.33A	8.29A	10.35A	8.35A
Voltage at Maximum Power (Vmpp)	40.31V	37.39V	40.63V	37.61V	40.93V	37.84V	41.24V	38.06V	41.54V	38.28V
Current at Maximum Power (Impp)	9.55A	7.65A	9.60A	7.71A	9.65A	7.77A	9.70A	7.83A	9.75A	7.89A
Module Efficiency(%)	18.68%		18.92%		19.16%		19.40%		19.65%	

LNSU-395M/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-REAR SIDE POWER GAIN

5%	Maximum Power (Pmax)	404W	410W	415W	420W	425W
	Module Efficiency STC (%)	19.61%	19.87%	20.12%	20.37%	20.63%
15%	Maximum Power (Pmax)	443W	449W	454W	460W	466W
	Module Efficiency STC (%)	21.48%	21.76%	22.04%	22.32%	22.59%
25%	Maximum Power (Pmax)	481W	488W	494W	500W	506W
	Module Efficiency STC (%)	23.35%	23.65%	23.95%	24.26%	24.56%

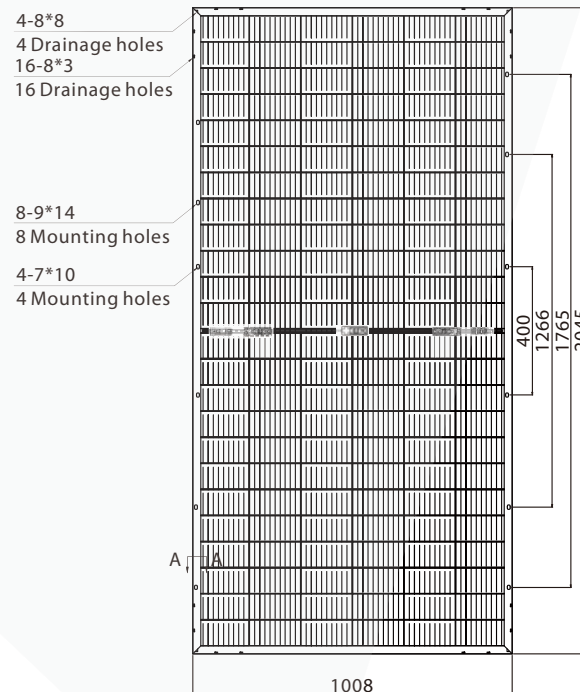
Operating Module Temperature	-40°C to +85°C
Maximum System Voltage	1500V DC(IEC)
Maximum Series Fuse Rating	20A
Power Tolerance	0/+5W
Temperature Characteristics	
Nominal Operating Cell Temperature(Noct)	45±2°C
Temperature Coefficient of Pmax	-0.36%/°C
Temperature Coefficient of Voc	-0.28%/°C
Temperature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

Packing Configuration

Container	20'GP	40'HQ
Pieces per pallet	30	30
Pallets per container	10	22
Pieces per container	300	660

Mechanical Characteristics

Solar Cell	MONO158.75x79.375mm
No.of Cell	144(6x24)
Dimensions	2045x1008x30mm
Weight	28.0kgs
Front/Back	2.0mm semi-tempered glass
Frame	Anodized aluminium alloy
Junction Box	Ip68 rated(3 by pass diodes)
Output Cables	4.0mm ²
	symmetrical length
	300mm
Connectors	MC4 compatible
Mechanical load test	Front 5400Pa/Back 2400Pa



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.

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