

LUXEN

LUXCLEAR[®] MONO 395-415w

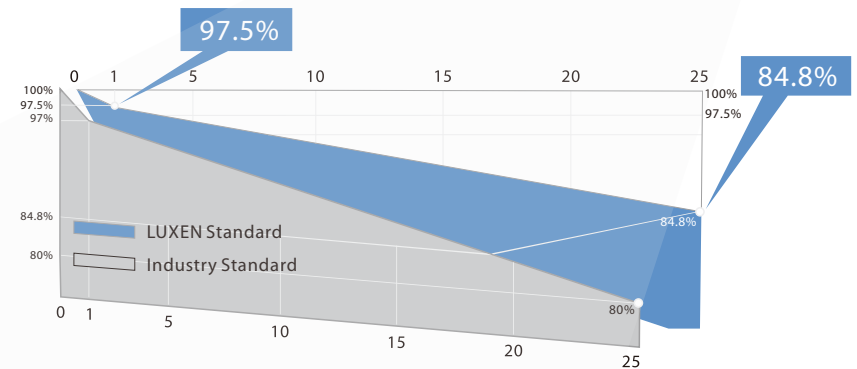
Double Glass Modules of LUXCLEAR[®] series with powerful performance and high transmittance are ideal for both installations with most strict demands of durability and projects of building.

144 cells Bifacial
Double Glass Modules



TRANSPARENT / WHITE

LINEAR PERFORMANCE WARRANTY 30-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



0-5W positive power sorting



Stable performance under
weak light conditions



Tier 1 Solar Module
Manufacturer by BNEF



MONO 395-415w 144 cells Bifacial DG 9BB

LUXEN

ELECTRICAL PARAMETERS

LNSU-395MD LNSU-400MD LNSU-405MD LNSU-410MD LNSU-415MD

	STC	STC	STC	STC	STC
Maximum Power (Pmax)	395W	400W	405W	410W	415W
Open Circuit Voltage (Voc)	48.92V	49.18V	49.44V	49.70V	49.96V
Short Circuit Current (Isc)	10.40A	10.47A	10.54A	10.60A	10.67A
Voltage at Maximum Power (Vmp)	40.68V	40.90V	41.12V	41.33V	41.54V
Current at Maximum Power (Imp)	9.71A	9.78A	9.85A	9.92A	9.99A
Module Efficiency(%)	19.48%	19.72%	19.97%	20.22%	20.46%

BIFACIAL OUTPUT-REAR SIDE POWER GAIN

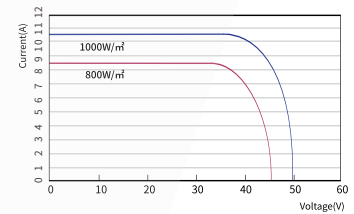
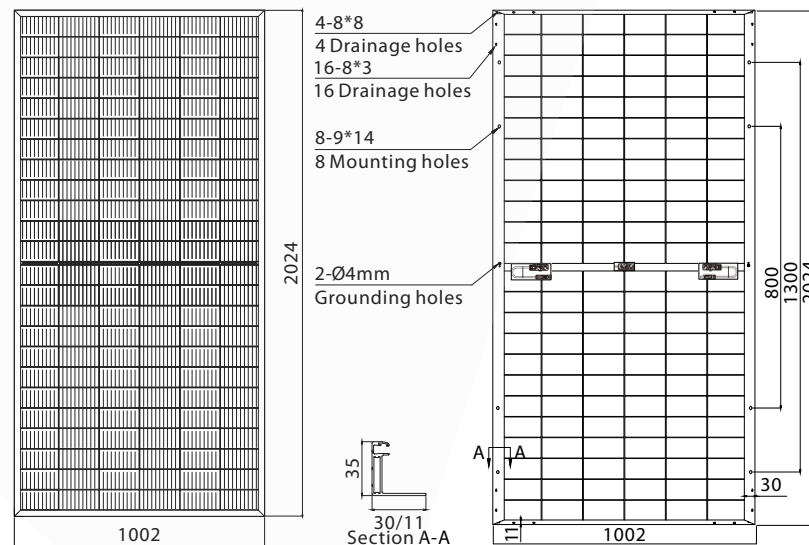
5%	Maximum Power (Pmax)	415W	420W	425W	431W	436W
	Module Efficiency STC (%)	20.45%	20.71%	20.97%	21.23%	21.49%
15%	Maximum Power (Pmax)	454W	460W	466W	472W	477W
	Module Efficiency STC (%)	22.40%	22.68%	22.97%	23.25%	23.53%
25%	Maximum Power (Pmax)	494W	500W	506W	513W	519W
	Module Efficiency STC (%)	24.35%	24.65%	24.96%	25.27%	25.58%

Packing Configuration

Container	20' GP	40' HQ
Pieces per pallet	36	36
Pallets per container	10	22
Pieces per container	360	792

Mechanical Characteristics

Solar Cell	MONO158.75x79.375mm
No. of Cell	144(6x24)
Dimensions	2024x1002x30mm
Weight	24.0kgs
Front	2.0mm coated semi-tempered glass
Back	2.0mm semi-tempered glass
Junction Box	Ip68 rated(3 by pass diodes)
Output Cables	4.0mm ² 300mm(+)/300mm(-) Length can be customized
Connectors	MC4 compatible
Mechanical load test	5400Pa



STC: Irradiance 1000W/m², 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
Temperature Characteristics	
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

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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.

