

LUXEN

LUXHYPER[®]

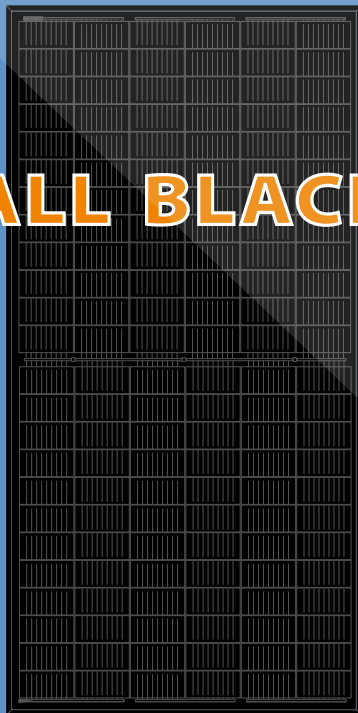
MONO

390-410w

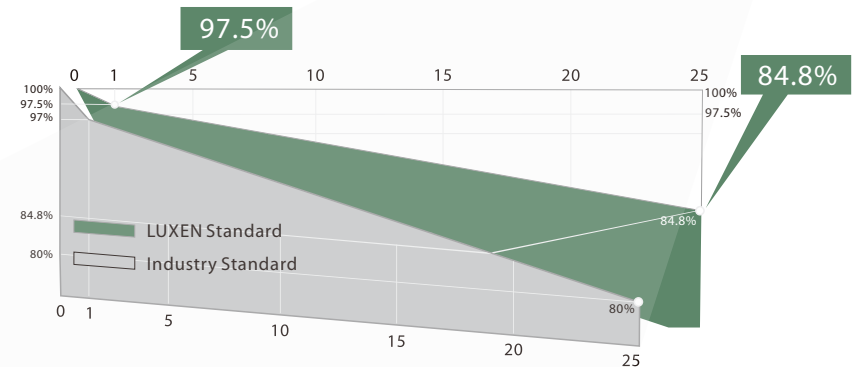
LUXHYPER[®] series (Super-efficiency half-cell Modules) Assembled with the advanced half-cell technology offer the advantages of higher power output, reduced series resistance loss, and lower risk of hot spot. In order to meet the Clients' requirements of best quality and efficiency.


144 cells
Half-cut cell modules

ALL BLACK



LINEAR PERFORMANCE WARRANTY



- 9BB** 9BB cell design
Smaller electric current, less CTM loss
Lower risk of hot spot
-  ISO9001:2015&ISO14001 management systems
- IEC** IEC61215&IEC61730 standard quality
-  Wind load up to 3800Pa
Snow load up to 5400Pa
- +5W** 0-5W positive power sorting
-  Stable performance under weak light conditions
- 25-year
12-year** 25-year power warranty
12-year product warranty



MONO 390-410w 144 cells 9BB ALL BLACK

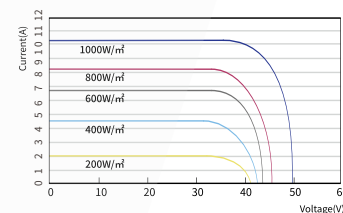
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ELECTRICAL PARAMETERS

	LNSU-390M		LNSU-395M		LNSU-400M		LNSU-405M		LNSU-410M	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (Pmax)	390W	289W	395W	293W	400W	297W	405W	301W	410W	305W
Open Circuit Voltage (Voc)	49.03V	45.72V	49.47V	45.99V	49.85V	46.26V	50.34V	46.53V	50.77V	46.79V
Short Circuit Current (Isc)	10.26A	8.17A	10.29A	8.23A	10.33A	8.29A	10.35A	8.35A	10.38A	8.41A
Voltage at Maximum Power (Vmp)	40.63V	37.48V	40.93V	37.71V	41.24V	37.93V	41.54V	38.15V	41.84V	38.36V
Current at Maximum Power (Impp)	9.60A	7.71A	9.65A	7.77A	9.70A	7.83A	9.75A	7.89A	9.80A	7.95A
Module Efficiency(%)	19.38%		19.63%		19.88%		20.13%		20.38%	

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

LNSU-400M/I-V



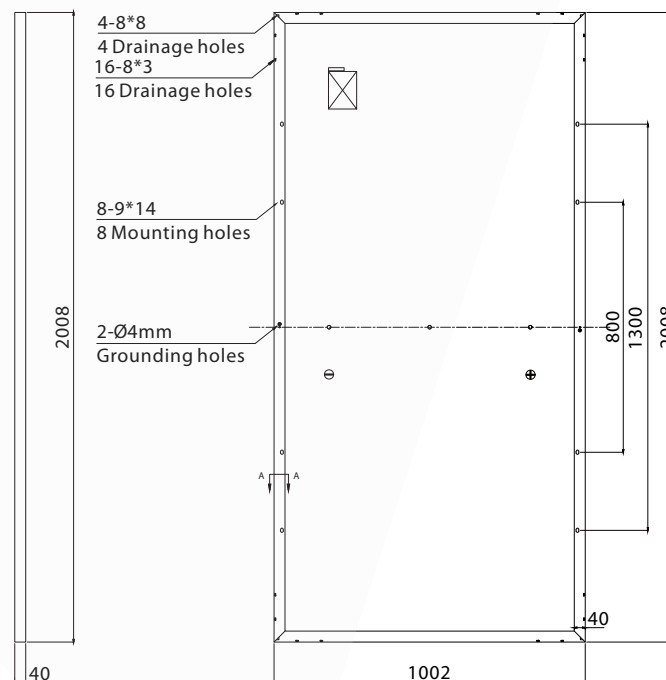
Operating Module Temperature	-40°C to +85°C
Maximum System Voltage	1500V DC(IEC)
Maximum Series Fuse Rating	20A
Power Tolerance	0/+5W
Temperature Characteristics	
Nominal Operating Cell Temperature(Noct)	45±2°C
Temperature Coefficient of Pmax	-0.36%/°C
Temperature Coefficient of Voc	-0.28%/°C
Temperature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

Packing Configuration

Container	20'GP	40'HQ
Pieces per pallet	26	26
Pallets per container	10	22
Pieces per container	260	572

Mechanical Characteristics

Solar Cell	MONO
No. of Cell	144(6x24)
Dimensions	2008x1002x40mm
Weight	22.0kgs
Front	3.2mm 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	5400Pa



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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