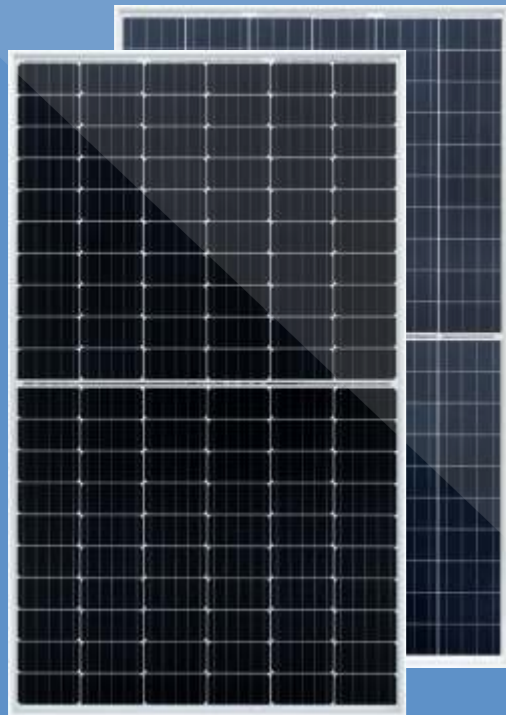


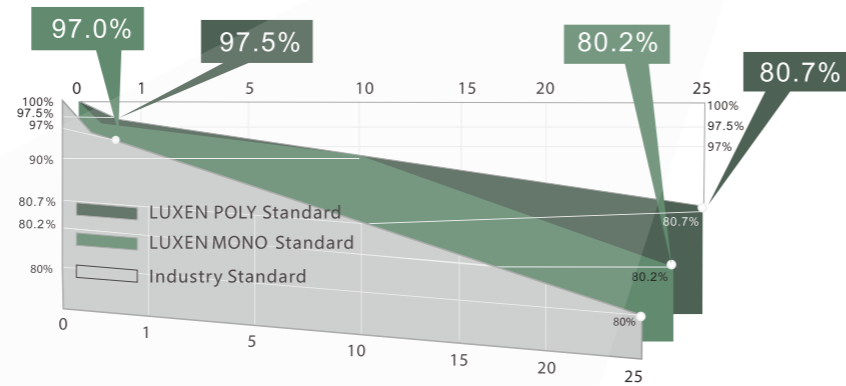
LUXHYPER[®]

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.

60x2 cells Half-cut cell modules



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



0-5W positive power sorting



Stable performance under weak light conditions



25-year power warranty
10-year product warranty



LUXEN

MONO

STC

	LNSE-320M	LNSE-325M	LNSE-330M	LNSE-335M	LNSE-340M
Maximum Power (Pmax)	320W	325W	330W	335W	340W
Open Circuit Voltage (Voc)	40.45V	40.78V	41.07V	41.37V	41.67V
Short Circuit Current (Isc)	10.17A	10.24A	10.32A	10.39A	10.47A
Voltage at Maximum Power (Vmpp)	33.54V	33.78V	34.06V	34.30V	34.55V
Current at Maximum Power (Impp)	9.54A	9.62A	9.69A	9.77A	9.84A
Module Efficiency(%)	19.01%	19.31%	19.61%	19.90%	20.20%

POLY

STC

	LNSE-295P	LNSE-300P	LNSE-305P	LNSE-310P	LNSE-315P
Maximum Power (Pmax)	295W	300W	305W	310W	315W
Open Circuit Voltage (Voc)	39.65V	39.94V	40.02V	40.46V	40.71V
Short Circuit Current (Isc)	9.66A	9.74A	9.83A	9.91A	10.00A
Voltage at Maximum Power (Vmpp)	32.14V	32.36V	32.61V	32.84V	33.08V
Current at Maximum Power (Impp)	9.18A	9.27A	9.35A	9.44A	9.52A
Module Efficiency(%)	17.53%	17.82%	18.12%	18.42%	18.71%

Packing Configuration

	20'GP	40'GP
Container	20'GP	40'GP
Pieces per pallet	30	30
Pallets per container	12	26
Pieces per container	360	780

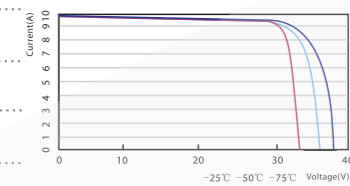
Mechanical Characteristics

Solar Cell	Mono/Poly
No. of Cells	120 (6x20)
Dimensions	1690x996x35mm
Weight	21.0kgs
Front	Glass 3.2mm tempered glass
Frame	Anodized aluminium alloy
Junction Box	IP67/68 rated(3 by pass diodes)
Output Cables	4.0mm ² , symmetrical length 300mm
Connectors	MC4 compatible
Mechanical load test	5400Pa

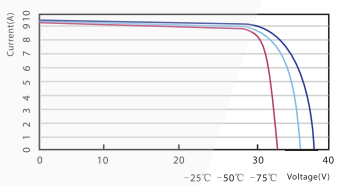
60x2 cells

LUXEN

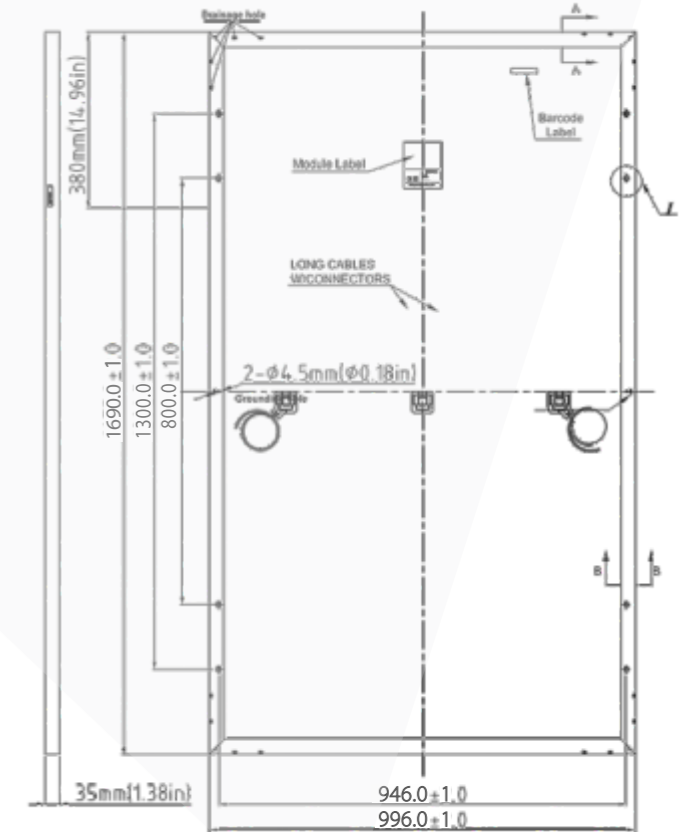
LNSE-325M/I-V



LNSE-300P/I-V



Operating Module Temperature	-40°C to +85°C
Maximum System Voltage	1500V DC(IEC) 1000V DC(UL)
Maximum Series Fuse Rating	30A
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	-0.29%/°C
Temperature Coefficient of Isc	+0.05%/°C



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