

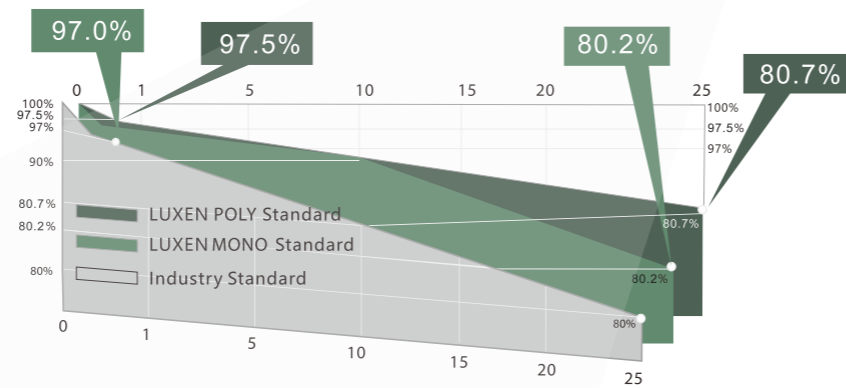
LUXHYPER®

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.

72x2 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	LNSF-390M	LNSF-395M	LNSF-400M	LNSF-405M	LNSF-410M
Maximum Power (Pmax)	390W	395W	400W	405W	410W
Open Circuit Voltage (Voc)	49.61V	49.95V	50.29V	50.63V	50.97V
Short Circuit Current (Isc)	10.14A	10.19A	10.24A	10.29A	10.34A
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(%)	19.43%	19.68%	19.93%	20.18%	20.43%

POLY

STC	LNSF-365P	LNSF-370P	LNSF-375P	LNSF-380P	LNSF-385P
Maximum Power (Pmax)	365W	370W	375W	380W	385W
Open Circuit Voltage (Voc)	48.35V	48.59V	48.83V	49.06V	49.29V
Short Circuit Current (Isc)	9.82A	9.90A	9.97A	10.05A	10.12A
Voltage at Maximum Power (Vmpp)	38.87V	39.03V	39.18V	39.34V	39.49V
Current at Maximum Power (Impp)	9.39A	9.48A	9.57A	9.66A	9.75A
Module Efficiency(%)	18.19%	18.44%	18.69%	18.93%	19.18%

Packing Configuration

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

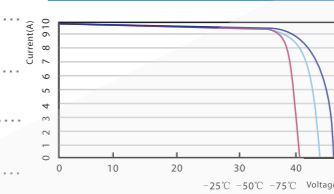
Mechanical Characteristics

Solar Cell	Mono/Poly
No. of Cells	144 (6x24)
Dimensions	2015×996×40mm
Weight	24.5kgs
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

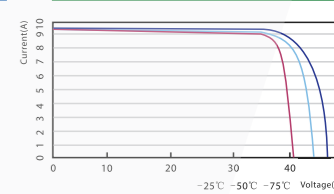
72x2 cells

LUXEN

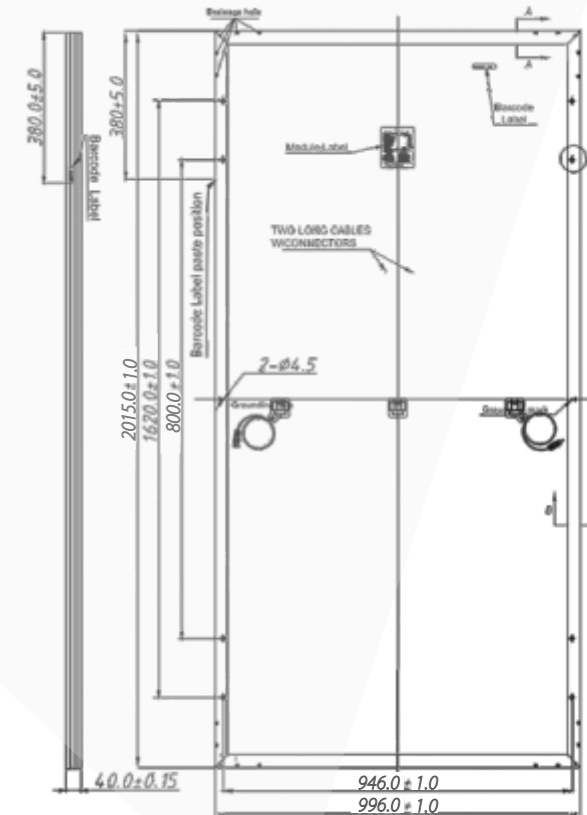
LNSF-395M/I-V



LNSF-370P/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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