

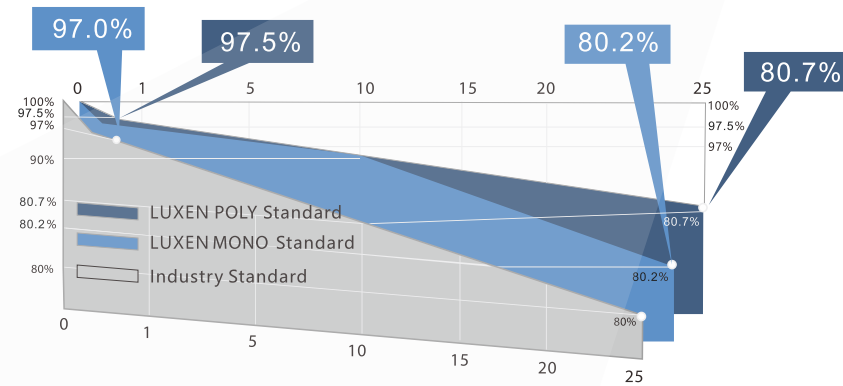
# LUXPOWER®

Premium modules of LUXPOWER series with varied power ratings are suitable for all types of systems, from small-scale private roof systems to large-scale solar power farms. All LUXPOWER solar modules have the CE statement of approval and the IEC 61215 & IEC 61730 certificates.

## 60 cells



## 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-290M	LNSE-295M	LNSE-300M	LNSE-305M	LNSE-310M
Maximum Power (Pmax)	290W	295W	300W	305W	310W
Open Circuit Voltage (Voc)	38.87V	39.16V	39.42V	39.74V	40.00V
Short Circuit Current (Isc)	9.63A	9.70A	9.77A	9.84A	9.91A
Voltage at Maximum Power (Vmpp)	31.69V	32.01V	32.33V	32.62V	32.93V
Current at Maximum Power (Impp)	9.15A	9.22A	9.28A	9.35A	9.41A
Module Efficiency(%)	17.83%	18.13%	18.44%	18.75%	19.05%

## POLY

### STC

	LNSE-265P	LNSE-270P	LNSE-275P	LNSE-280P	LNSE-285P
Maximum Power (Pmax)	265W	270W	275W	280W	285W
Open Circuit Voltage (Voc)	37.54V	37.89V	38.19V	38.55V	38.86V
Short Circuit Current (Isc)	9.16A	9.24A	9.32A	9.39A	9.47A
Voltage at Maximum Power (Vmpp)	30.83V	31.11V	31.36V	31.64V	31.89V
Current at Maximum Power (Impp)	8.60A	8.68A	8.77A	8.85A	8.94A
Module Efficiency(%)	16.29%	16.60%	16.90%	17.21%	17.52%

## Packing Configuration

	20'GP	40'GP
Container	20'GP	40'GP
Pieces per pallet	30	30
Pallets per container	12	28
Pieces per container	360	840

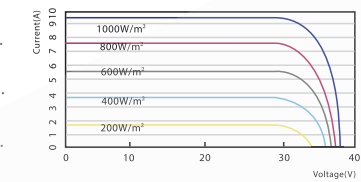
## Mechanical Characteristics

Solar Cell	Mono/Poly
No. of Cells	60(6×10)
Dimensions	1650x992x35mm
Weight	19.0kgs
Front	Glass 3.2mm tempered glass
Frame	Anodized aluminium alloy
Junction Box	IP67/IP68 rated(3 by pass diodes)
Output Cables	4.0mm <sup>2</sup> , symmetrical length
Connectors	(-)900mm and (+)900mm
Mechanical load test	5400Pa

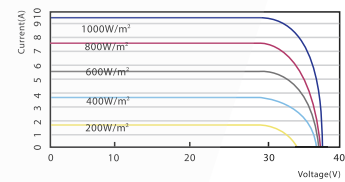
# 60 cells

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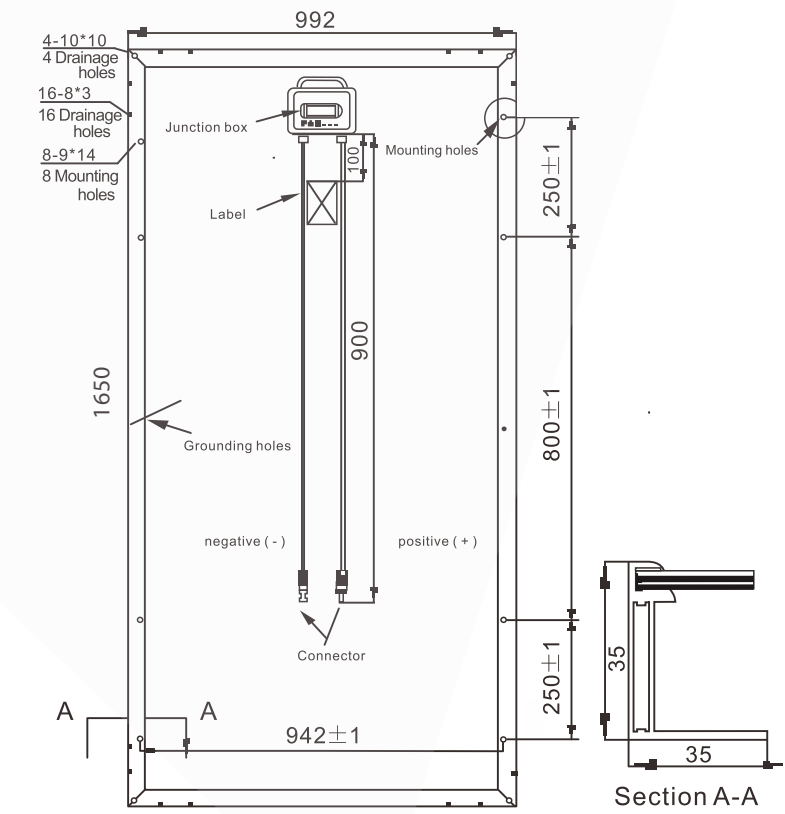
## LNSE-300M/I-V



## LNSE-290P/I-V



Operating Module Temperature	-40°C to +85°C
Maximum System Voltage	1500V DC(IEC) 1000V DC(UL)
Maximum Series Fuse Rating	20A
Power Tolerance	0/+5W
<b>Temperature Characteristics</b>	
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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