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# **EnergyPal**

## **Solar Panel Guide Specification Data Sheet**

**Luxen Solar Energy Co., Ltd.**

**LNSE-300-330M**

**LNSE-300M**

Also available on the web at  
[EnergyPal.com/luxen-solar-energy-co-ltd-solar-panels/lNSE-300m](http://EnergyPal.com/luxen-solar-energy-co-ltd-solar-panels/lNSE-300m)

LUXEN

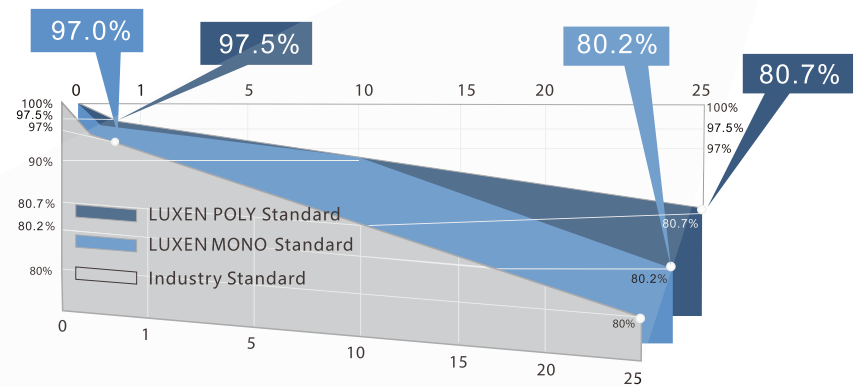
# LUXMAX<sup>®</sup> MONO 315-335w

LUXMAX<sup>®</sup> Plus series superhigh efficiency modules adopt advanced PERC technology (Passivated Emmitter Rear Contact technology). Its higher conversion efficiency and better anti-PID performance bring installers the maximize power yield per unit area. They can meet your very strict requirement on quality and efficiency of modules.

60 cells  
Bigger PERC Cell



## 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



+5W positive power sorting



Stable performance under  
weak light conditions



25-year power warranty  
10-year product warranty



# MONO 315w-335w 60cells

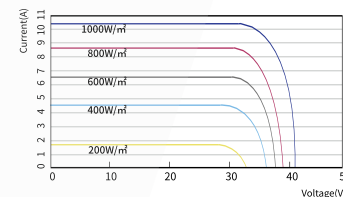
# LUXEN

## ELECTRICAL PARAMETERS

	LNSE-315M		LNSE-320M		LNSE-325M		LNSE-330M		LNSE-335M	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (Pmax)	315W	233W	320W	237W	325W	241W	330W	245W	335W	249W
Open Circuit Voltage (Voc)	40.12V	37.72V	40.43V	38.15V	40.74V	38.59V	41.05V	39.01V	41.35V	39.43V
Short Circuit Current (Isc)	10.12A	7.98A	10.19A	8.02A	10.26A	8.06A	10.33A	8.10A	10.40A	8.14A
Voltage at Maximum Power (Vmp)	32.85V	30.94V	33.13V	31.31V	33.40V	31.67V	33.67V	32.03V	33.94V	32.38V
Current at Maximum Power (Imp)	9.59A	7.53A	9.66A	7.57A	9.73A	7.61A	9.80A	7.65A	9.87A	7.69A
Module Efficiency(%)	18.96%		19.26%		19.56%		19.86%		20.16%	

**STC:** Irradiance 1000W/m<sup>2</sup>, cell temperature 25°C, AM1.5G  
**NOCT:** Irradiance 800W/m<sup>2</sup>, ambient temperature 20°C,  
 wind speed 1m/s, AM1.5G

LNSE-330M/I-V



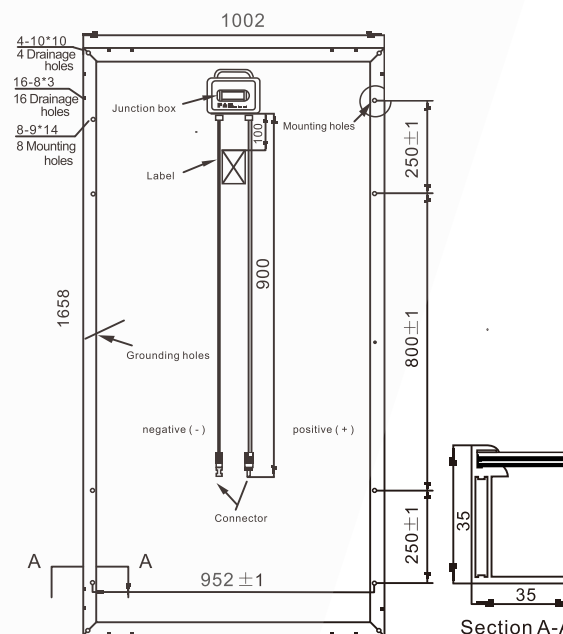
Operating Module Temperature	-40°C to +85°C
Maximum System Voltage	1500V DC(IEC)
Maximum Series Fuse Rating	20A
Power Tolerance	0/+5W
<b>Temperature Characteristics</b>	
Nominal Operating Cell Temperature(Noct)	45±2°C
Temperature Coefficient of Pmax	-0.36%/°C
Temperature Coefficient of Voc	-0.28%/°C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

## Packing Configuration

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

## Mechanical Characteristics

Solar Cell	MONO
No. of Cells	60(6×10)
Dimensions	1658x1002x35mm
Weight	19.5 kgs
Front	Glass 3.2mm tempered glass
Frame	Anodized aluminium alloy
Junction Box	IP68 rated(3 by pass diodes)
Output Cables	4.0mm <sup>2</sup> , symmetrical length (-)900mm and (+)900mm
Connectors	MC4 compatible
Mechanical load test	5400Pa



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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.