

# LUXPOWER<sup>®</sup>

## POLY

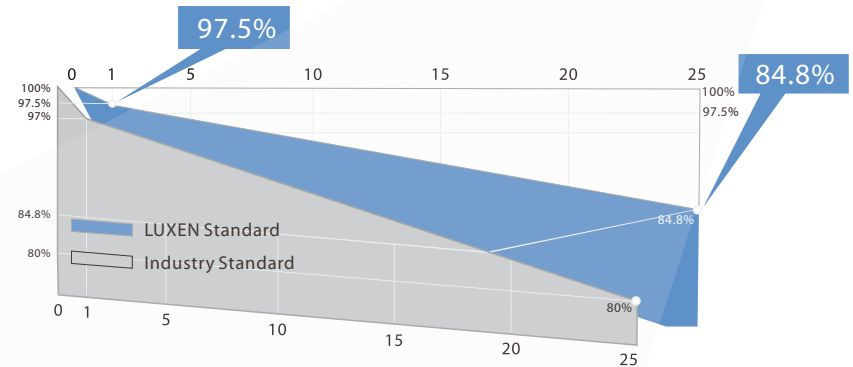
### 325-345w

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.

## 72 cells



## LINEAR PERFORMANCE WARRANTY



ISO9001:2015 QMS  
ISO14001:2015 EMS  
ISO45001:2018 OHSMS



IEC61215 & IEC61730  
standard quality



Higher efficiency & Lower power degradation  
2% less power reduction in the 1st year



Wind load up to 3800Pa  
Snow load up to 5400Pa



+5W  
0-5W positive power sorting



Stable performance under  
weak light conditions



Salt mist and ammonia corrosion  
tests passed



25-year power warranty  
12-year product warranty



# POLY 325-345w 72 cells

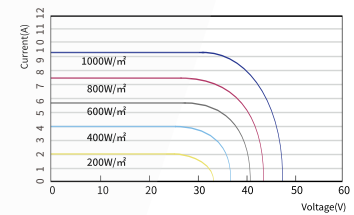
# LUXEN

## ELECTRICAL PARAMETERS

	LNSF-325P		LNSF-330P		LNSF-335P		LNSF-340P		LNSF-345P	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (Pmax)	325W	241W	330W	245W	335W	249W	340W	253W	345W	257W
Open Circuit Voltage (Voc)	46.03V	42.99V	46.36V	43.32V	46.68V	43.64V	47.00V	43.96V	47.31V	44.27V
Short Circuit Current (Isc)	9.23A	7.35A	9.30A	7.41A	9.36A	7.47A	9.43A	7.53A	9.49A	7.59A
Voltage at Maximum Power (Vmp)	37.19V	34.88V	37.39V	35.10V	37.59V	35.32V	37.79V	35.53V	37.99V	35.74V
Current at Maximum Power (Imp)	8.74A	6.91A	8.83A	6.98A	8.91A	7.05A	9.00A	7.12A	9.08A	7.19A
Module Efficiency(%)	16.75%		17.01%		17.26%		17.52%		17.78%	

**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

LNSF-335P/I-V



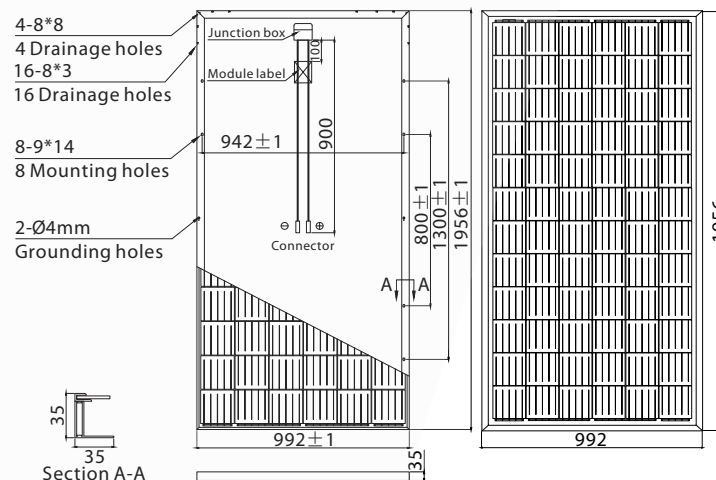
Operating Module Temperature	-40°C to +85°C
Maximum System Voltage	1500V DC(IEC)
Maximum Series Fuse Rating	20A
Power Tolerance	0/+5W
<b>Temperature Characteristics</b>	
Nominal Operating Cell Temperature(Noct)	45±2°C
Temperature Coefficient of Pmax	-0.36%/°C
Temperature Coefficient of Voc	-0.28%/°C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

## Packing Configuration

	20'GP	40'HQ
Container	20'GP	40'HQ
Pieces per pallet	31	31
Pallets per container	10	24
Pieces per container	310	744

## Mechanical Characteristics

Solar Cell	POLY156.75x156.75mm
No. of Cell	72(6x12)
Dimensions	1956x992x35mm
Weight	21.0kgs
Front	3.2mm coated tempered glass
Frame	Anodized aluminium alloy
Junction Box	Ip68 rated(3 by pass diodes)
Output Cables	4.0mm <sup>2</sup> symmetrical length 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.