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# **EnergyPal**

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

**Luxen Solar Energy Co., Ltd.  
9BB 166 LNSK-355-370M Half Cell  
LNSK-360M**

Also available on the web at  
[EnergyPal.com/luxen-solar-energy-co-ltd-solar-panels/lnsk-360m](http://EnergyPal.com/luxen-solar-energy-co-ltd-solar-panels/lnsk-360m)

LUXEN

# LUXHYPER<sup>®</sup>

## MONO

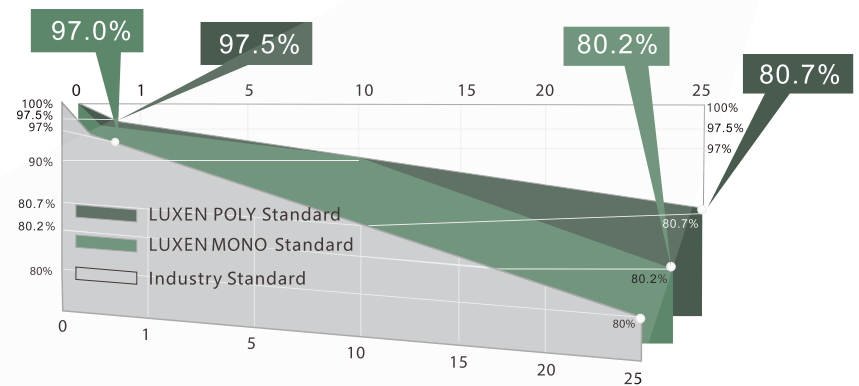
### 350-370w

LUXHYPER<sup>®</sup> 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.

120 cells  
Half-cut cell modules



## LINEAR PERFORMANCE WARRANTY



- 
**9BB**  
 9BB cell design  
 Smaller electric current, less CTM loss  
 Lower risk of hot spot
- 
 ISO9001:2015&ISO14001  
 management systems
- 
**IEC**  
 IEC61215 & IEC61730  
 standard quality
- 
 Wind load up to 3800Pa  
 Snow load up to 5400Pa
- 
**+5W**  
 0-5W positive power sorting
- 
 Stable performance under  
 weak light conditions
- 
 10-year  
 25-year  
 25-year power warranty  
 10-year product warranty



# MONO 350-370w 120 cells 9BB

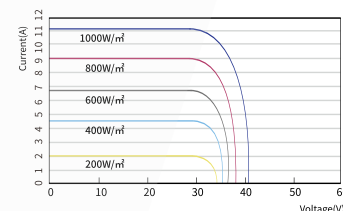
# LUXEN

## ELECTRICAL PARAMETERS

	LNSK-350M		LNSK-355M		LNSK-360M		LNSK-365M		LNSK-370M	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (Pmax)	350W	259W	355W	262W	360W	265W	365W	268W	370W	271W
Open Circuit Voltage (Voc)	40.38V	37.23V	40.59V	37.34V	40.79V	37.45V	40.99V	37.55V	41.18V	37.66V
Short Circuit Current (Isc)	11.02A	8.89A	11.10A	8.95A	11.18A	9.01A	11.26A	9.07A	11.34A	9.13A
Voltage at Maximum Power (Vmpp)	33.27V	30.69V	33.49V	30.82V	33.71V	30.96V	33.92V	31.09V	34.13V	31.22V
Current at Maximum Power (Impp)	10.52A	8.44A	10.60A	8.50A	10.68A	8.56A	10.76A	8.62A	10.84A	8.68A
Module Efficiency(%)	18.73%		19.00%		19.27%		19.54%		19.80%	

**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

LNSK-360M/I-V



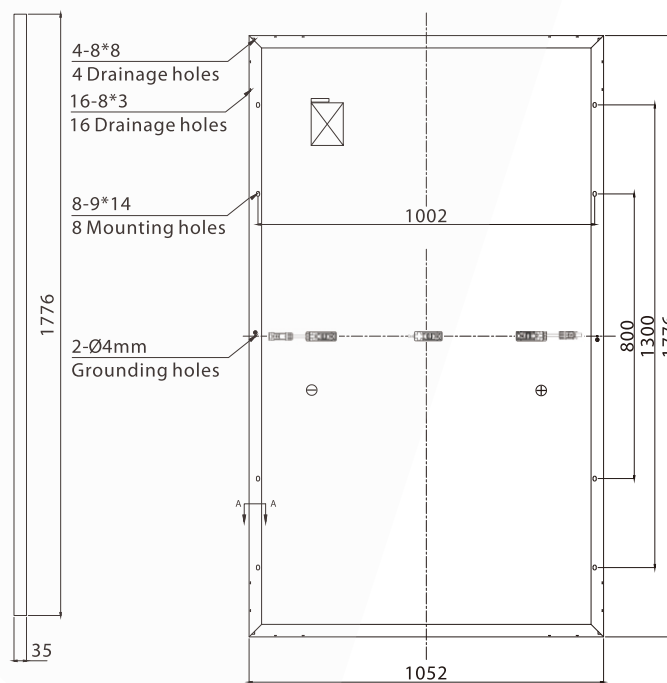
Operating Module Temperature	-40°C to +85°C
Maximum System Voltage	1500V DC(IEC)
Maximum Series Fuse Rating	20A
Power Tolerance	0/+5W
<b>Temperature Characteristics</b>	
Nominal Operating Cell Temperature(Noct)	45±2°C
Temperature Coefficient of Pmax	-0.36%/°C
Temperature Coefficient of Voc	-0.28%/°C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

## Packing Configuration

Container	20' GP	40' HQ
Pieces per pallet	30	30
Pallets per container	6	26
Pieces per container	180	780

## Mechanical Characteristics

Solar Cell	MONO166x83mm
No. of Cell	120(6x20)
Dimensions	1776x1052x35mm
Weight	22.0kgs
Front	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 300mm
Connectors	MC4 compatible
Mechanical load test	Front 5400Pa/Back 2400Pa



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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.