

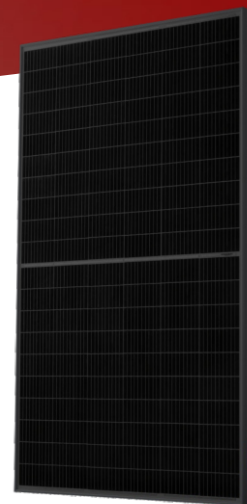
# LUXNERI® SERIES 4

## 360-375W Mono ALL BLACK

M6/166mm Cell . 120 Half-Cell Layout



Assembled with the M6 wafer based high efficiency cells, LUXNERI® Series 4 ALL BLACK solar modules combine the impressive aesthetic appearance with the innovative twin-panel design and the advanced technologies of half-cut cell, 9 busbars and round wire ribbon interconnection. The perfect visual effect, together with the high power generation performance and the reduced hot spot and shading risks, make it ideal for residential rooftop application.



Full Black Appearance for Aesthetic Effect



Gallium-doped Technology



Half Cut Cell Technology



Anti-PID Low LID Performance

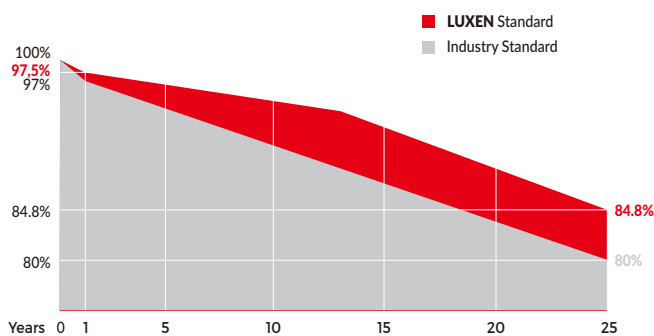


Less Hot Spot Shading Effects



Ideal for Residential Rooftop Application

### Linear performance Warranty



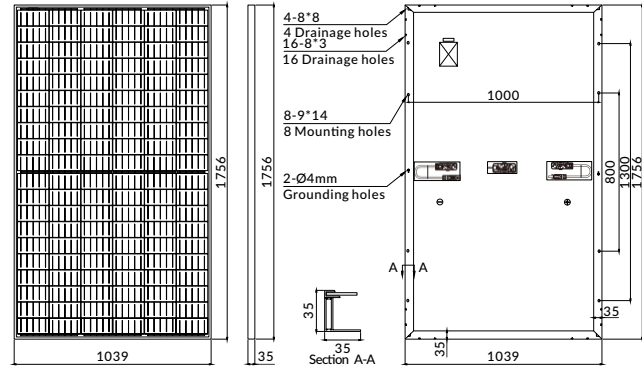
### Comprehensive Certificates

- ISO9001:2015 QMS
- ISO14001:2015 EMS
- ISO45001:2018 OHSMS
- IEC61215/IEC61730 Standard quality



MECHANICAL CHARACTERISTICS

Solar Cells	Mono
No. of Cells	120 (6x20)
Dimensions	1756 x 1039 x 35mm
Weight	19.5kgs
Front Glass	3.2mm coated tempered glass
Frame	Anodized aluminium alloy
Junction Box	Ip68 rated (3 by pass diodes)
	4.0mm <sup>2</sup>
Output Cables	300mm (+) / 300mm (-)
	Length can be customized
Connectors	Mc4 compatible
Mechanical load test	5400Pa



ELECTRICAL PARAMETERS

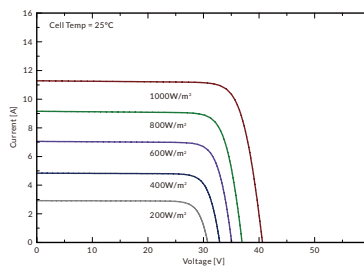
POWER CLASS	LNSK-360M		LNSK-365M		LNSK-370M		LNSK-375M	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum power (Pmax)	360W	265W	365W	268W	370W	271W	375W	274W
Open Circuit Voltage (Voc)	40.79V	37.45V	40.99V	37.55V	41.18V	37.66V	41.37V	37.76V
Short Circuit Current (Isc)	11.18A	9.01A	11.26A	9.07A	11.34A	9.13A	11.42A	9.19A
Voltage at Maximum power (Vmpp)	33.71V	30.96V	33.92V	31.09V	34.13V	31.22V	34.34V	31.35V
Current Maximum Power (Impp)	10.68A	8.56A	10.76A	8.62A	10.84A	8.68A	10.92A	8.74A
MODULE EFFICIENCY (%)	19.73%		20.01%		20.28%		20.55%	

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

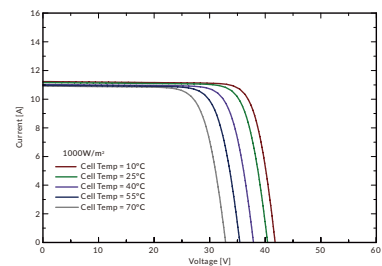
PACKING CONFIGURATION

Container	20'GP	40'HQ
Pieces per pallet	31	31
Pallets per container	6	26
Pieces per container	186	806

I-V CURVE



LNSK-370M/I-V



OPERATING CHARACTERISTICS

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

TEMPERATURE CHARACTERISTICS

Nominal Operating 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

**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.