

# LUXPOWER® SERIES 4 360-380W Mono

M6/166mm Cell . 120 Half-Cell Layout

Assembled with the M6 wafer based high efficiency cells, LUXPOWER® Series 4 solar modules feature the innovative twin-panel design and the advanced technologies of half-cut cell, 9 busbars and round wire ribbon interconnection, reducing the hot spot risk and shading effect, increasing the power output and resulting in higher reliability and performance than conventional modules.



Half Cut Cell Technology



MBB Technology



Anti-PID  
Low LID  
Performance



Less Hot Spot  
Shading Effects

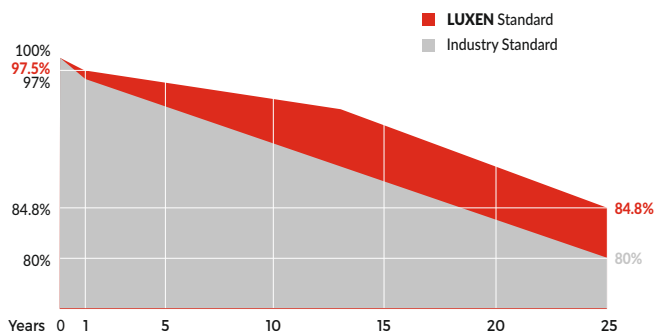


Low Power  
Temperature Coefficient



Lower BOS & LCOE

## Linear performance Warranty



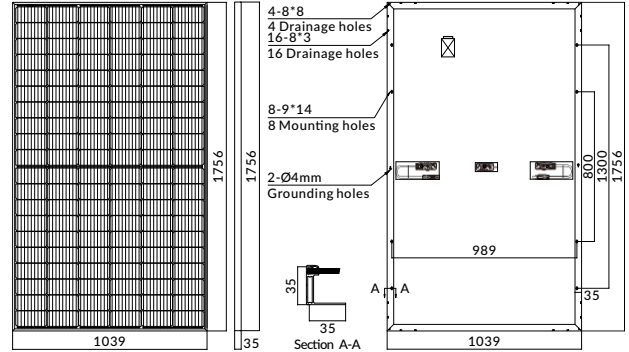
## Comprehensive Certificates

- 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	20.0kgs
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		LNSK-380M	
	STC	NMOT	STC	NMOT	STC	NMOT	STC	NMOT	STC	NMOT
Maximum power (Pmax)	360W	265W	365W	268W	370W	271W	375W	274W	380W	277W
Open Circuit Voltage (Voc)	40.79V	37.45V	40.99V	37.55V	41.18V	37.66V	41.37V	37.76V	41.57V	37.86V
Short Circuit Current (Isc)	11.18A	9.01A	11.26A	9.07A	11.34A	9.13A	11.42A	9.19A	11.50A	9.25A
Voltage at Maximum power (Vmpp)	33.71V	30.96V	33.92V	31.09V	34.13V	31.22V	34.34V	31.35V	34.55V	31.48V
Current Maximum Power (Impp)	10.68A	8.56A	10.76A	8.62A	10.84A	8.68A	10.92A	8.74A	11.00A	8.80A
MODULE EFFICIENCY (%)	19.73%		20.01%		20.28%		20.55%		20.83%	

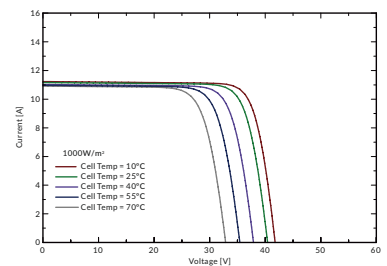
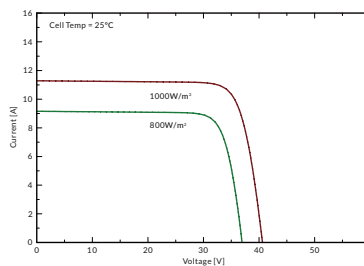
STC: Irradiance 1000W/m<sup>2</sup>, cell temperature 25°C, AM1.5G    NMOT: Irradiance 800W/m<sup>2</sup>, ambient temperature 20°C, wind speed 1m/s, AM1.5G

**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-375M/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 (NMOT)	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.