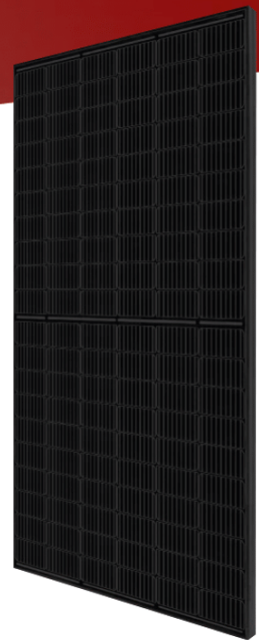


LUXNERI® SERIES 4

355-375W Mono FULL BLACK

M6/166mm Cell . 120 Half-Cell Layout

Assembled with the M6 wafer based high efficiency cells, LUXNERI® Series 4 FULL 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

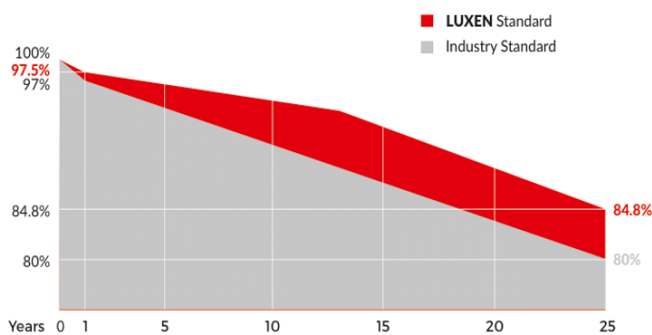


Less Hot Spot Shading Effects



Ideal for Residential Rooftop Application

Linear performance Warranty



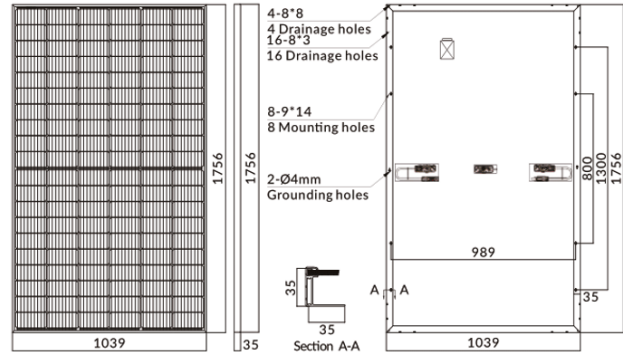
Comprehensive Certificates

- 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 | 20.0kgs |
| Front Glass | 3.2mm coated tempered glass |
| Frame | Anodized aluminium alloy |
| Junction Box | Ip68 rated (3 by pass diodes) |
| | 4.0mm ² |
| Output Cables | 300mm (+) / 300mm (-) |
| | Length can be customized |
| Connectors | Mc4 compatible |
| Mechanical load test | 5400Pa |



ELECTRICAL PARAMETERS

| POWER CLASS | LNSK-355M | | LNSK-360M | | LNSK-365M | | LNSK-370M | | LNSK-375M | |
|---------------------------------|-----------|--------|-----------|--------|-----------|--------|-----------|--------|-----------|--------|
| | STC | NMOT | STC | NMOT | STC | NMOT | STC | NMOT | STC | NMOT |
| Maximum power (Pmax) | 355W | 262W | 360W | 265W | 365W | 268W | 370W | 271W | 375W | 274W |
| Open Circuit Voltage (Voc) | 40.59V | 37.34V | 40.79V | 37.45V | 40.99V | 37.55V | 41.18V | 37.66V | 41.37V | 37.76V |
| Short Circuit Current (Isc) | 11.10A | 8.95A | 11.18A | 9.01A | 11.26A | 9.07A | 11.34A | 9.13A | 11.42A | 9.19A |
| Voltage at Maximum power (Vmpp) | 33.49V | 30.82V | 33.71V | 30.96V | 33.92V | 31.09V | 34.13V | 31.22V | 34.34V | 31.35V |
| Current Maximum Power (Impp) | 10.60A | 8.50A | 10.68A | 8.56A | 10.76A | 8.62A | 10.84A | 8.68A | 10.92A | 8.74A |
| MODULE EFFICIENCY (%) | 19.46% | | 19.73% | | 20.01% | | 20.28% | | 20.55% | |

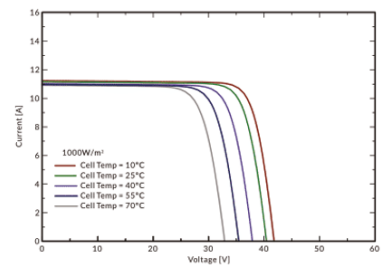
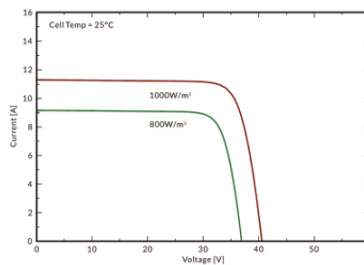
STC: Irradiance 1000W/m², cell temperature 25°C, AM1.5G NMOT: Irradiance 800W/m², ambient temperature 20°C, wind speed 1m/s, AM1.5G

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.