



# LUXPOWER®

## 6<sup>inches</sup> /60 Cells

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.



ISO 9001:2008 & ISO 14001 management systems



IEC 61215 & IEC 61730 standard quality



0-5 W positive power sorting



Stable performance under weak light conditions



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



Salt mist and ammonia corrosion tests passed



10-year / 25-year  
25-year power warranty / 10-year product warranty

Insured by **PICC** 

# LUXEN

# 6<sup>inches</sup> /60 Cells

## MONO

STC	LNSE-255M	LNSE-260M	LNSE-265M	LNSE-270M
Maximum Power (P <sub>max</sub> )	255W	260W	265W	270W
Open Circuit Voltage (V <sub>oc</sub> )	37.7V	37.8V	38.0V	38.2V
Short Circuit Current (I <sub>sc</sub> )	8.82A	8.94A	9.06A	9.17A
Voltage at Maximum Power (V <sub>mpp</sub> )	30.5V	30.7V	30.8V	31.0V
Current at Maximum Power (I <sub>mpp</sub> )	8.35A	8.47A	8.60A	8.71A
Module Efficiency (%)	15.67%	15.98%	16.29%	16.60%

STC: Irradiance 1000 W/m<sup>2</sup>, module temperature 25 °C, AM=1.5;  
Best in Class AAA solar simulator (IEC 60904-9) used, power measurement uncertainty is within +/- 3%

### Mechanical Characteristics

Solar Cell	156x156mm (6inches)
No. of Cells	60 (6 × 10)
Dimensions	1640 × 992 × 40mm
Weight	20.0 kgs
Front	Glass 3.2 mm tempered glass
Frame	Anodized aluminium alloy
Junction Box	IP65/IP67 rated (3 bypass diodes)
Output Cables	TÜV (2Pfg1169:2007), UL 4703, 4.0 mm <sup>2</sup> , symmetrical length
	(-) 900mm and (+) 900mm
Connectors	MC 4 compatible
Mechanical load test	5400Pa

Operating Module Temperature	-40 °C to +85 °C
Maximum System Voltage	1000V DC (IEC) / 600V DC (UL)
Maximum Series Fuse Rating	15 A
Power Tolerance	0/+5W

### Temperature Characteristics

Nominal Operating Cell Temperature (N <sub>oCT</sub> )	45±2 °C
Temperature Coefficient of P <sub>max</sub>	-0.42%/°C
Temperature Coefficient of V <sub>oc</sub>	-0.32%/°C
Temperature Coefficient of I <sub>sc</sub>	0.05%/°C

### Packing Configuration

Container	20' GP	40' GP
Pieces per pallet	26	26
Pallets per container	12	28
Pieces per container	312	728

## POLY

STC	LNSE-250P	LNSE-255P	LNSE-260P	LNSE-265P
Maximum Power (P <sub>max</sub> )	250W	255W	260W	265W
Open Circuit Voltage (V <sub>oc</sub> )	37.2V	37.3V	37.4V	37.5V
Short Circuit Current (I <sub>sc</sub> )	8.87A	9.00A	9.11A	9.21A
Voltage at Maximum Power (V <sub>mpp</sub> )	30.1V	30.2V	30.4V	30.5V
Current at Maximum Power (I <sub>mpp</sub> )	8.30A	8.43A	8.55A	8.68A
Module Efficiency (%)	15.37%	15.67%	15.98%	16.29%

