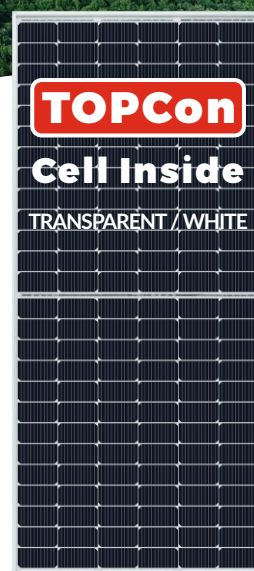


LUXPOWER® SERIES **N**5



605-625W Mono Transparent Backsheet
156 Half-Cell Layout
M10/182mm N-TOPCon Cell



N-TOPCon Cell Technology



SMBB Half Cut Cell Technology



Bifacial Cell Module Technologies



Excellent Anti-PID Low LID Performance

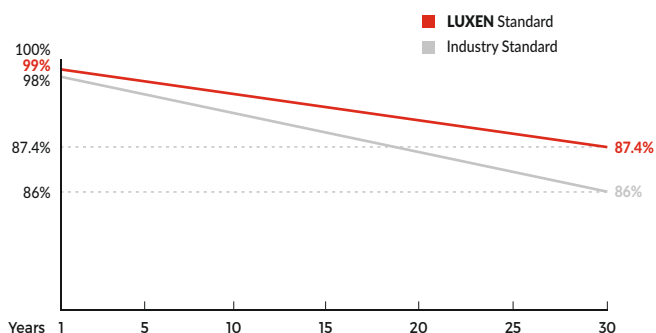


Less Hot Spot Shading Effects



Higher Power Output Lower BOS & LCOE

Linear performance Warranty



Comprehensive Certificates

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



LUXEN SOLAR ENERGY CO., LTD.

Suzhou: A301, Zhongyi Building, Suzhou, Jiangsu, 215168, China

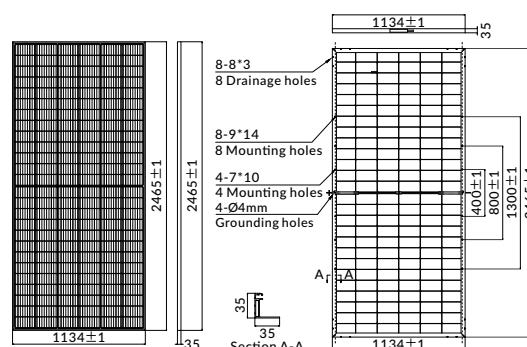
Nantong: No.1, Haiyue Road, Nantong, Jiangsu, 226000, China

T: +86 512 6708 1572 | F: +86 512 6708 1570 | sales@luxensolar.com

www.luxensolar.com

MECHANICAL CHARACTERISTICS

Solar Cells	N-type Mono
No. of Cells	156 (6x26)
Dimensions	2465 x 1134 x 35mm
Weight	30.0kgs
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	LNVD-605NB	LNVD-610NB	LNVD-615NB	LNVD-620NB	LNVD-625NB
	STC	STC	STC	STC	STC
Maximum power (Pmax)	605W	610W	615W	620W	625W
Open Circuit Voltage (Voc)	55.10V	55.25V	55.40V	55.55V	55.70V
Short Circuit Current (Isc)	14.03A	14.10A	14.17A	14.24A	14.31A
Voltage at Maximum power (Vmpp)	45.59V	45.73V	45.86V	45.99V	46.13V
Current Maximum Power (Impp)	13.27A	13.34A	13.41A	13.48A	13.55A
MODULE EFFICIENCY (%)	21.64%	21.82%	22.00%	22.18%	22.36%

STC: Irradiance 1000W/m², cell temperature 25°C, AM1.5G

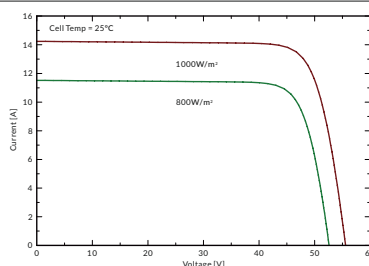
BIFACIAL OUTPUT-REAR SIDE POWER GAIN

5%	Maximum power (Pmax)	635W	641W	646W	651W	656W
	Module Efficiency STC (%)	22.73%	22.91%	23.10%	23.29%	23.48%
15%	Maximum power (Pmax)	696W	702W	707W	713W	719W
	Module Efficiency STC (%)	24.89%	25.10%	25.30%	25.51%	25.71%
25%	Maximum Power (Pmax)	756W	763W	769W	775W	781W
	Module Efficiency STC (%)	27.05%	27.28%	27.50%	27.73%	27.95%

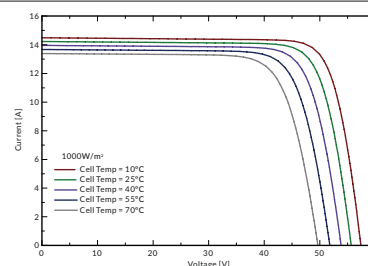
PACKING CONFIGURATION

Container	20'GP	40'HQ
Pieces per pallet	31	31
Pallets per container	4	16
Pieces per container	124	496

I-V CURVE



LNVD-620NB/I-V



OPERATING CHARACTERISTICS

Operating Module Temperature	-40°C to +85°C
Maximum System Voltage	1500 DC (IEC)
Maximum Series Fuse Rating	30A
Power Tolerance	0/+5W

TEMPERATURE CHARACTERISTICS

Nominal Operating Temperature (NMOT)	45±2°C
Temperature Coefficient of Pmax	-0.29%/°C
Temperature Coefficient of Voc	-0.25%/°C
Temperature Coefficient of Isc	+0.045%/°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.