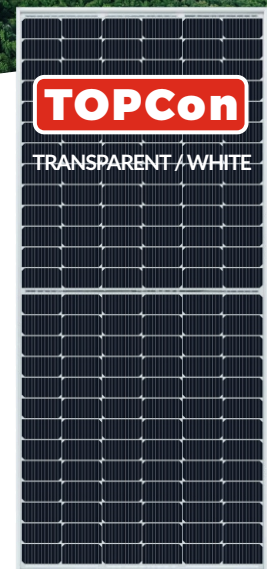


LUXPOWER® SERIES N5



615-635W Mono BIFACIAL DG
 156 Half-Cell Layout
 M10 N-TOPCon Cell



LECO N-TOPCon Cell Technology



SMBB Half Cut Cell Technology



Bifacial Cell Module Technologies



Excellent Anti-PID Low LID Performance

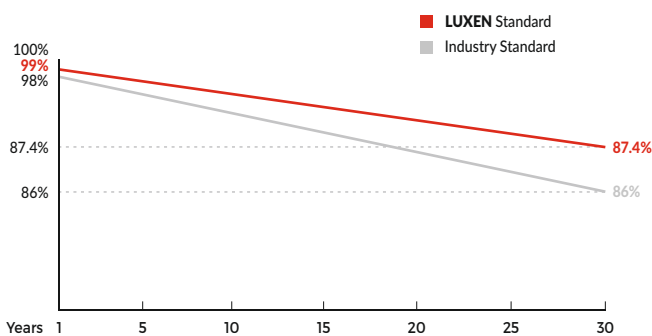


Less Hot Spot Shading Effects



Higher Power Output Lower BOS & LCOE

Linear Performance Warranty



* LUXEN TOPCon: Standard warranty 15 years, can be extended up to 20 years.

Insured By



Comprehensive Certificates

- ISO9001:2015 QMS
- ISO14001:2015 EMS
- ISO45001:2018 OHSMS
- IEC61215/IEC61730 Standard Quality
- IEC61701/IEC62716 Salt/Mist/Ammonia Tests



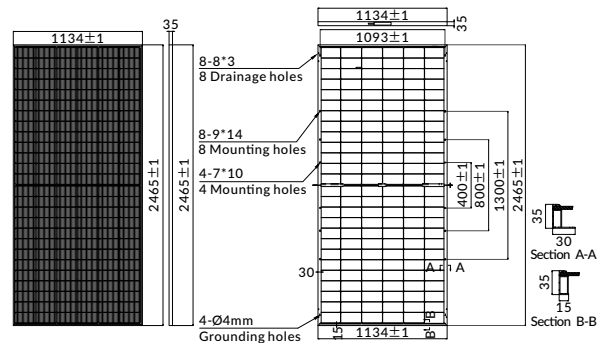
LUXEN SOLAR ENERGY CO., LTD.

Operational HQ: Vienna Technology Center, Christine-Touaillon-Strasse 11/2.01, 1220 Vienna, Austria
 Production HQ: No.1, Haiyue Road, Nantong, Jiangsu, 226000, China
 europe@luxensolar.at

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MECHANICAL CHARACTERISTICS

Solar Cells	N-type Mono
No. of Cells	156 (6x26)
Dimensions	2465 x 1134 x 35mm
Weight	35.0kg
Front Glass	2.0mm coated semi-tempered glass
Back Glass	2.0mm semi-tempered glass
Junction Box	Ip68 rated (3 by pass diodes)
Output Cables	4.0mm ² 300mm (+) / 300mm (-) Length can be customized
Connectors	Mc4 compatible
Mechanical load test	5400Pa



ELECTRICAL PARAMETERS

POWER CLASS	LNVH-615ND		LNVH-620ND		LNVH-625ND		LNVH-630ND		LNVH-635ND	
	STC	NMOT	STC	NMOT	STC	NMOT	STC	NMOT	STC	NMOT
Maximum power (Pmax)	615W	463W	620W	467W	625W	471W	630W	475W	635W	479W
Open Circuit Voltage (Voc)	55.53V	52.57V	55.64V	52.67V	55.75V	52.78V	55.87V	52.89V	55.98V	52.99V
Short Circuit Current (Isc)	14.11A	11.38A	14.18A	11.44A	14.25A	11.50A	14.32A	11.56A	14.39A	11.62A
Voltage at Maximum power (Vmpp)	45.90V	42.59V	46.03V	42.73V	46.16V	42.86V	46.29V	42.99V	46.42V	43.11V
Current Maximum Power (Impp)	13.40A	10.87A	13.47A	10.93A	13.54A	10.99A	13.61A	11.05A	13.68A	11.11A
MODULE EFFICIENCY (%)	22.00%		22.18%		22.36%		22.54%		22.72%	

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

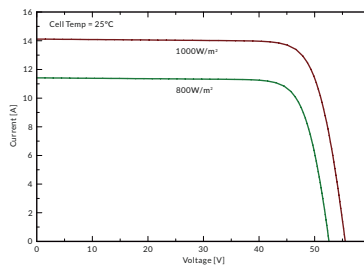
BIFACIAL OUTPUT-REARSIDE POWER GAIN

Gain	Parameter	LNVH-615ND	LNVH-620ND	LNVH-625ND	LNVH-630ND	LNVH-635ND
5%	Maximum power (Pmax)	646W	651W	656W	662W	667W
	Module Efficiency STC (%)	23.10%	23.29%	23.48%	23.66%	23.85%
15%	Maximum power (Pmax)	707W	713W	719W	725W	730W
	Module Efficiency STC (%)	25.30%	25.51%	25.71%	25.92%	26.12%
25%	Maximum Power (Pmax)	769W	775W	781W	788W	794W
	Module Efficiency STC (%)	27.50%	27.73%	27.95%	28.17%	28.40%

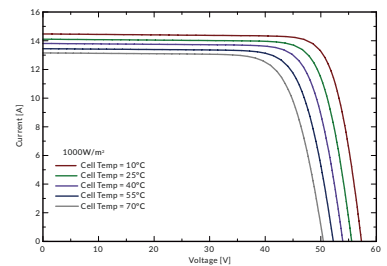
PACKING CONFIGURATION

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

I-V CURVE



LNVH-620ND/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: The specifications, data and technical characteristics provided in this data sheet are subject to changes due to continuous R&D, product innovation and improvement. LUXEN SOLAR reserves the right to modify the information any time without prior notice.