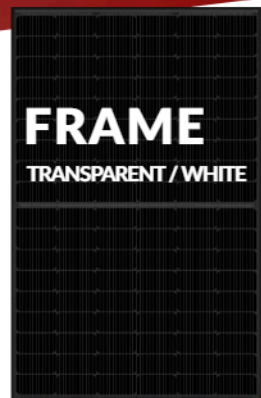


LUXNERI® SERIES 5

385-405W Mono

108 Half-Cell Layout
FULL BLACK BIFACIAL DG
M10/182mm Cell



Bifacial Cell
Module Technologies



Gallium-doped Technology



Half Cut Cell Technology



Anti-PID
Low LID
Performance

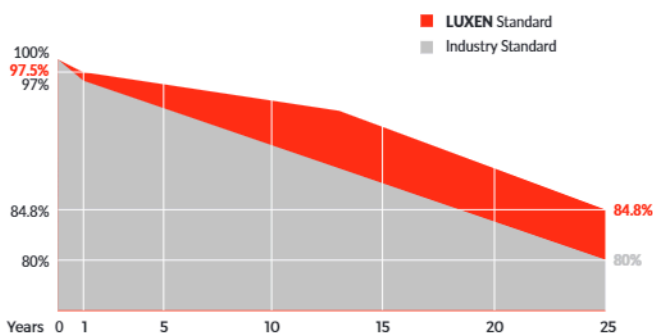


Less Hot Spot
Shading Effects



Enduring High
Reliability & Performance

Linear performance Warranty



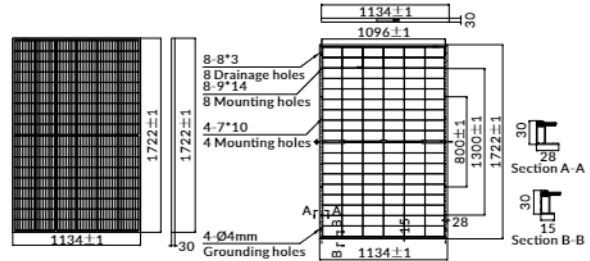
Comprehensive Certificates

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



MECHANICAL CHARACTERISTICS

Solar Cells	Mono
No. of Cells	108 (6x18)
Dimensions	1722 x 1134 x 30mm
Weight	23.5kgs
Front Glass	2.0mm coated semi-tempered glass
Back Glass	2.0mm semi-tempered glass
Junction Box	Ip68 rated (3 by pass diodes)
	4.0mm ²
Output Cables	1200mm (+) / 1200mm (-)
	Length can be customized
Connectors	Mc4 compatible
Mechanical load test	5400Pa



ELECTRICAL PARAMETERS

POWER CLASS	LNVB-385MD	LNVB-390MD	LNVB-395MD	LNVB-400MD	LNVB-405MD
	STC	STC	STC	STC	STC
Maximum power (Pmax)	385W	390W	395W	400W	405W
Open Circuit Voltage (Voc)	36.74V	36.99V	37.24V	37.49V	37.74V
Short Circuit Current (Isc)	13.24A	13.40A	13.56A	13.63A	13.70A
Voltage at Maximum power (Vmpp)	30.73V	30.95V	31.18V	31.40V	31.62V
Current Maximum Power (Impp)	12.53A	12.60A	12.67A	12.74A	12.81A
MODULE EFFICIENCY (%)	19.72%	19.97%	20.23%	20.48%	20.74%

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

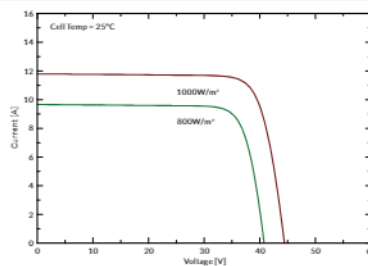
BIFACIAL OUTPUT-REARSIDE POWER GAIN

		LNVB-385MD	LNVB-390MD	LNVB-395MD	LNVB-400MD	LNVB-405MD
5%	Maximum power (Pmax)	404W	410W	415W	420W	425W
	Module Efficiency STC (%)	20.70%	20.97%	21.24%	21.51%	21.78%
15%	Maximum power (Pmax)	443W	449W	454W	460W	466W
	Module Efficiency STC (%)	22.67%	22.97%	23.26%	23.56%	23.85%
25%	Maximum Power (Pmax)	481W	488W	494W	500W	506W
	Module Efficiency STC (%)	24.64%	24.96%	25.28%	25.60%	25.93%

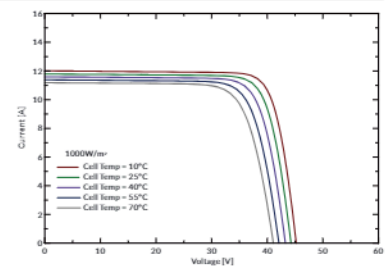
PACKING CONFIGURATION

Container	20'GP	40'HQ
Pieces per pallet	36	36
Pallets per container	6	26
Pieces per container	216	936

I-V CURVE



LNVB-405MD/I-V



OPERATING CHARACTERISTICS

Operating Module Temperature	-40°C to +85°C
Maximum System Voltage	1500 DC (IEC)
Maximum Series Fuse Rating	25A
Power Tolerance	0/+5W

TEMPERATURE CHARACTERISTICS

Nominal Operating Temperature (NMOT)	45±2°C
Temperature Coefficient of Pmax	-0.32%/°C
Temperature Coefficient of Voc	-0.26%/°C
Temperature Coefficient of Isc	+0.046%/°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.