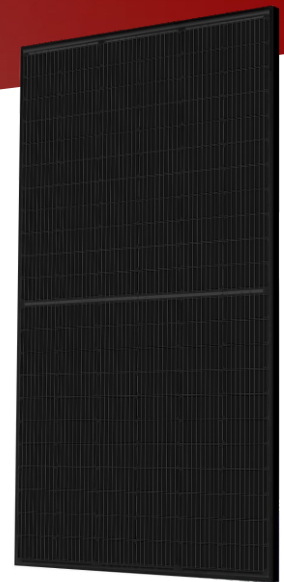


LUXNERI® SERIES 4

390-410W Mono FULL BLACK

132 Half-Cell Layout
M6/166mm Cell



Full Black Appearance for Aesthetic Effect



Gallium-doped Technology



Half Cut Cell Technology



Anti-PID Low LID Performance

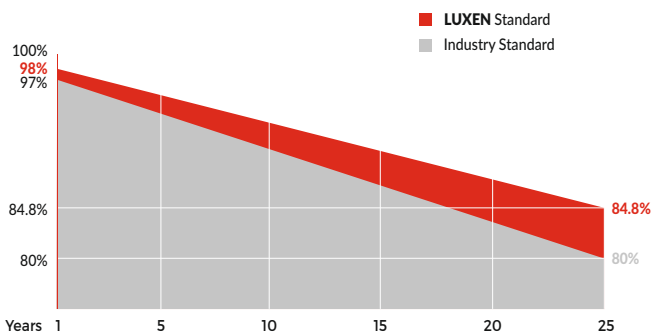


Less Hot Spot Shading Effects



Ideal for Residential Rooftop Application

Linear performance Warranty



* LUXEN PERC: Standard warranty 12 years, can be extended up to 15 years.

Comprehensive Certificates

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



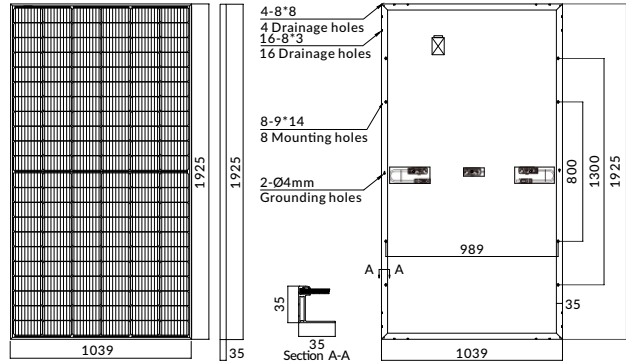
LUXEN SOLAR ENERGY CO., LTD.

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

www.luxensolar.com

MECHANICAL CHARACTERISTICS

Solar Cells	Mono
No. of Cells	132 (6x22)
Dimensions	1925 x 1039 x 35mm
Weight	21.0kg
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

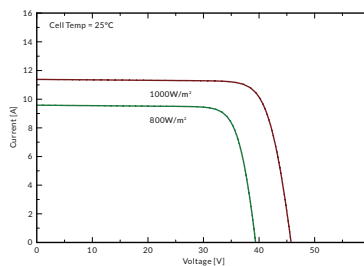
POWER CLASS	LNST-390M		LNST-395M		LNST-400M		LNST-405M		LNST-410M	
	STC	NMOT	STC	NMOT	STC	NMOT	STC	NMOT	STC	NMOT
Maximum power (Pmax)	390W	284W	395W	287W	400W	290W	405W	293W	410W	296W
Open Circuit Voltage (Voc)	45.33V	38.89V	45.56V	38.97V	45.79V	39.03V	46.01V	39.10V	46.23V	39.17V
Short Circuit Current (Isc)	11.13A	9.41A	11.19A	9.47A	11.26A	9.53A	11.32A	9.59A	11.39A	9.65A
Voltage at Maximum power (Vmpp)	36.69V	31.70V	36.93V	31.82V	37.17V	31.94V	37.41V	32.06V	37.64V	32.17V
Current Maximum Power (Impp)	10.63A	8.96A	10.70A	9.02A	10.76A	9.08A	10.83A	9.14A	10.89A	9.20A
MODULE EFFICIENCY (%)	19.50%		19.75%		20.00%		20.25%		20.50%	

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

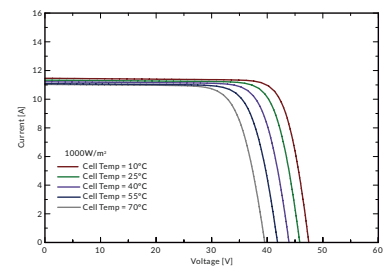
PACKING CONFIGURATION

Container	20'GP	40'HQ
Pieces per pallet	31	31
Pallets per container	6	24
Pieces per container	186	744

I-V CURVE



LNST-410M/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: 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.