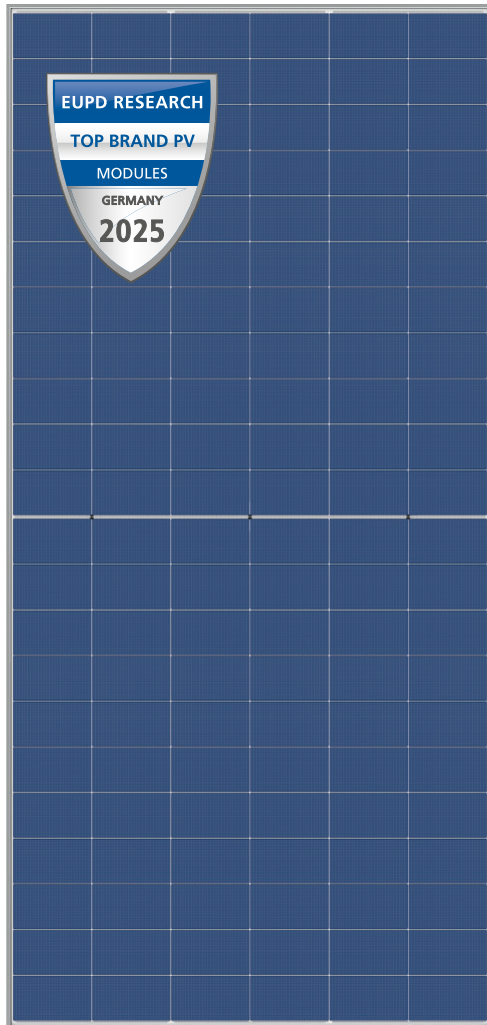




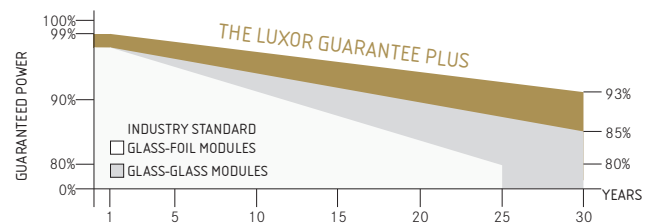
- + HIGHLY EFFICIENT N-TYPE HETEROJUNCTION CELLS
- + GLASS-GLASS: HIGHER MECHANICAL AND THERMAL STABILITY
- + BIFACIAL: DOUBLE-SIDED POWER GENERATION FOR MORE YIELD
- + REDUCTION OF BOS-COSTS THROUGH HIGHER PERFORMANCE PER MODULE
- + SPECIAL EDGE SEALING
- + ESPECIALLY DURABLE AND ROBUST



product guarantee¹



linear performance guarantee¹



ECO LINE N-TYPE HJT GLASS-GLASS BIFACIAL M132 / 600 - 620 W

MONOCRYSTALLINE MODULE FAMILY, SILVER FRAME, WHITE MESH



Longlife tested



Power proofed



Safety provided



Edge-Sealing



Back glass



Performance surplus
of 0 Wp to 6.49 Wp



Higher heat
dispensing



PID free
LID free



German
warrantor

ECO LINE N-TYPE HJT GLASS-GLASS BIFACIAL

M132 / 600 - 620 W, SILVER FRAME, WHITE MESH

Module type

LX - XXXM/182R-132+ GG | XXX = Rated power Pmpp

Electrical data at STC

Rated power Pmpp [Wp]	600.00	605.00	610.00	615.00	620.00
Pmpp range to	606.49	611.49	616.49	621.49	626.49
Rated current Impp [A]	14.42	14.48	14.54	14.60	14.66
Rated voltage Vmpp [V]	41.63	41.80	41.97	42.14	42.31
Short-circuit current Isc [A]	15.34	15.40	15.47	15.53	15.60
Open-circuit voltage Uoc [V]	51.08	51.29	51.50	51.71	51.91
Efficiency at STC up to	22.45%	22.64%	22.82%	23.01%	23.19%
Efficiency at 200 W/m ²	22.00%	22.18%	22.37%	22.55%	22.73%

Electrical data at NOCT

Power at Pmpp [Wp]	455.04	458.83	462.62	466.42	470.21
Rated current Impp [A]	11.63	11.68	11.73	11.77	11.82
Rated voltage Vmpp [V]	39.13	39.28	39.44	39.63	39.78
Short-circuit current Isc [A]	12.37	12.42	12.48	12.52	12.58
Open-circuit voltage Uoc [V]	47.15	47.36	47.57	47.77	47.98

Specification as per STC (Standard test conditions): irradiance 1000 W/m² | module temperature 25 °C | Air Mass = 1.5
NOCT (nominal operating cell temperature): irradiance 800 W/m² | wind speed 1 m/sec | ambient temperature 20 °C |
cell operating temperature 45 +/- 2 °C | Air Mass = 1.5

Bifacial Gain* (e.g. 610 Wp)

Backside power gain [Wp]	5%	10%	15%	20%	25%
Rated power Pmpp [Wp]	640.50	671.00	701.50	732.00	762.50
Rated current Impp [A]	15.26	15.99	16.71	17.44	18.16
Rated voltage Vmpp [V]	41.97	41.97	41.97	41.98	41.98
Short-circuit current Isc [A]	16.24	17.02	17.79	18.56	19.34
Open-circuit voltage Uoc [V]	51.50	51.50	51.50	51.51	51.51

*depending on the reflection of the underlying surface

Limiting values

Max. system voltage max. return current	1000 V or 1500 V 30 A
Safety class Fire safety class	II C (IEC 61730)
Operating temperature	-40 up to 85 °C
Max. tested pressure/tensile load ²	5400 Pa / 2400 Pa

Temperature coefficient

Temperature coefficient [U] [I] [P]	-0.26 %/°C 0.04 %/°C -0.24 %/°C
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Specifications

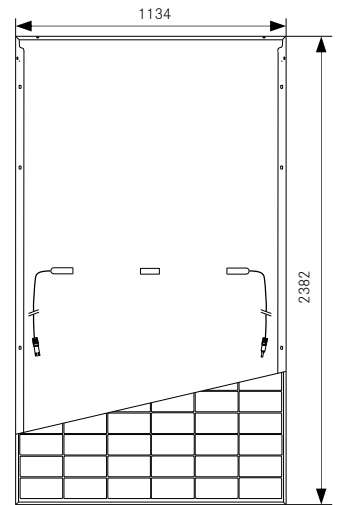
Cells (matrix) Wafer Type	132 (6x22) M10 N-Type HJT
Module dimensions (L x W x H) ³ Weight	2382 mm x 1134 mm x 30 mm 33.5 kg
Bifaciality factor ⁵	Up to 88%
Front side	2.0 mm tempered highly transparent anti-reflection solar glass
Back side	2.0 mm tempered highly transparent glass, white mesh
Frame	Stable anodised aluminium frame
Embedding material	POE / EVA
Junction Box Diodes	At least IP67 3 Schottky Diodes
Cable	Symmetrical cable lengths > 1.4 m, 4 mm ² solar cable
Connectors	MC4 or equivalent (IP67)
Hail test (max. hailstorm)	Ø 45 mm impact velocity 23 m/s ± 83 km/h

The specifications and average values can vary slightly. Relevant is the corresponding data of the individual measurement. Specifications are subject to change without notice. Measurement tolerance depending on equipment: rated power +/- 3%, other values +/- 10%. All information given in this data sheet corresponds to DIN EN 50380. A potential light-induced degradation of the power after commissioning is not considered here.
Further information in the installation manuals.

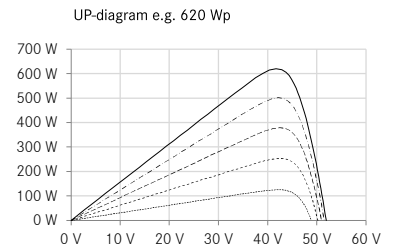
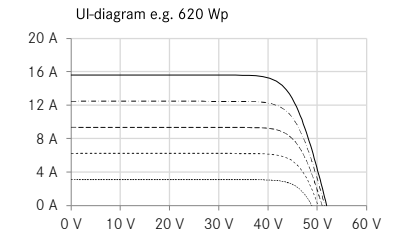
- The specific warranty conditions are given under www.luxor.solar/downloads.html
- Horizontal mounted (IEC61215), for details please check mounting instruction
- Tolerance L/W = +/- 3 mm, H +/- 2 mm, the dimensions given in the order confirmation will be decisive
- Location and dimensios of holes on request
- N-Type HJT Bifaciality factor 85 +/- 3 %

Your specialised Luxor partner

Back - / Frontview ^{3, 4}



Electrical characteristics



..... 200W/m²
..... 400W/m²
..... 600W/m²
..... 800W/m²
..... 1000W/m²



Guidelines:
93/68/EEC
2014/35/EU, (LVD)
2014/30/EU, (EMC)

The validity of the certificates/listings for a specific country has to be examined under: www.luxor.solar/downloads.html