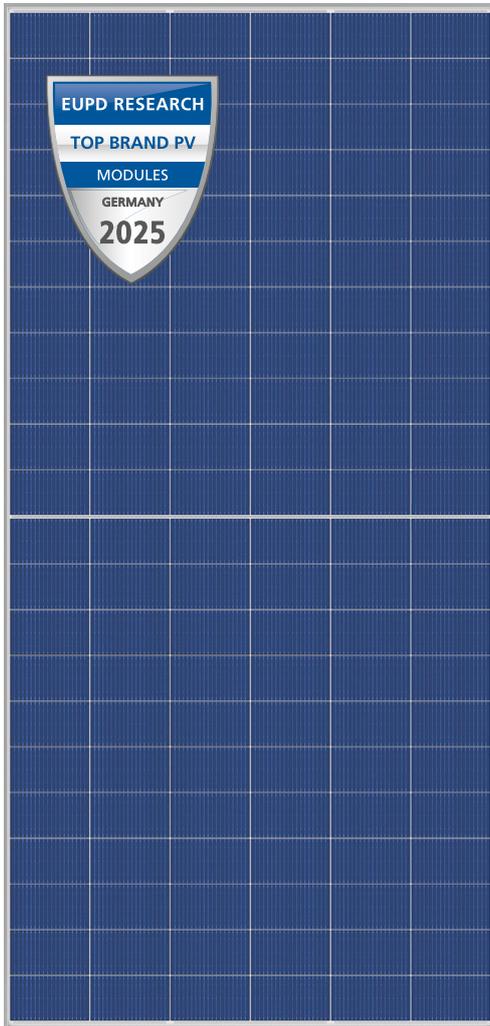




LUXOR

solar module manufacturer



- + POWERFUL N-TYPE HJT CELLS
- + DOUBLE GLASS: HIGHER MECHANICAL AND THERMAL STABILITY
- + BIFACIAL: DOUBLE-SIDED POWER GENERATION FOR MORE YIELD
- + REDUCTION OF BALANCE-OF-SYSTEM-COSTS THROUGH HIGHER PERFORMANCE PER MODULE
- + SPECIAL EDGE SEALING: EXTREMELY DURABLE AND ROBUST



product guarantee¹



linear performance guarantee¹



ECO LINE PRO 610-630W

HJT SILVER WHITE

GLASS-GLASS, BIFACIAL, 2382MM X 1134MM



Longlife tested



Power proofed



Safety provided



Special Edge Sealing



Back glass



Performance surplus of 0 Wp to 6.49 Wp



Higher heat dispensing



PID free LID Free



German warrantor

ECO LINE PRO 610-630W

HJT, GLASS-GLASS, BIFACIAL, SW, 182-132+

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

Electrical data at STC

	610.00	615.00	620.00	625.00	630.00
Rated power Pmpp [Wp]	610.00	615.00	620.00	625.00	630.00
Pmpp range to	616.49	621.49	626.49	631.49	636.49
Rated current Impp [A]	14.54	14.60	14.66	14.72	14.78
Rated voltage Vmpp [V]	41.97	42.14	42.31	42.48	42.65
Short-circuit current Isc [A]	15.47	15.53	15.60	15.66	15.72
Open-circuit voltage Uoc [V]	51.50	51.71	51.91	52.12	52.33
Efficiency at STC up to	22.82%	23.01%	23.19%	23.38%	23.56%
Efficiency at 200 W/m ²	22.37%	22.55%	22.73%	22.92%	23.10%

Electrical data at NOCT

Power at Pmpp [Wp]	462.62	466.42	470.21	474.00	477.79
Rated current Impp [A]	11.73	11.77	11.82	11.87	11.92
Rated voltage Vmpp [V]	39.44	39.63	39.78	39.93	40.08
Short-circuit current Isc [A]	12.48	12.52	12.58	12.63	12.68
Open-circuit voltage Uoc [V]	47.53	47.74	47.94	48.15	48.36

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

Electrical data at BNPI

Rated power Pmpp [Wp]	610.00	615.00	620.00	625.00	630.00
Maximum Rated power Pmpp [Wp]	682.47	688.06	693.66	699.25	704.84
Rated current Impp [A]	16.27	16.33	16.40	16.47	16.54
Rated voltage Vmpp [V]	41.95	42.12	42.29	42.46	42.63
Short-circuit current Isc [A]	17.31	17.37	17.45	17.52	17.59
Open-circuit voltage Uoc [V]	51.55	51.76	51.96	52.17	52.38

Specifications as per BNPI (Bifacial Nameplate Irradiance): irradiance front 1000 W/m² | rear 135 W/m² | Temperature 25°C | Air Mass 1.5

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]	-0.24 %/°C 0.04 %/°C -0.26 %/°C
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Specifications

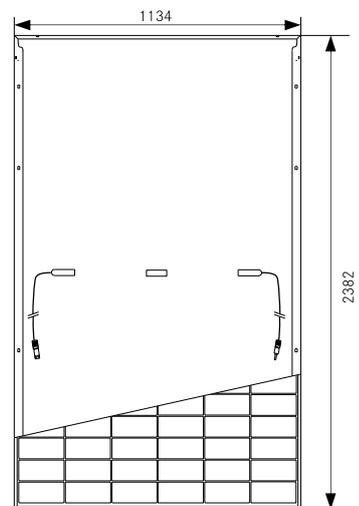
Cells (matrix) Wafer Type	132 (6x22) M10 HJT
Module dimensions (L x B x H) ³ Weight	2382 mm x 1134 mm x 30 mm 33.5 kg
Bifaciality factor ⁵	Up to 88%
Front side	2.0 mm semi tempered anti-reflection solar glass
Back side	2.0 mm semi tempered solar glass, white mesh
Frame	Stable anodised aluminium frame
Embedding material	POE / EVA
Junction Box Diodes	IP68 3 Schottky Diodes
Cable	Asymmetrical cable lengths > 0.4 & 0.3 m, 4 mm ² solar cable
Connectors	MC4 or equivalent (IP67)
Hail test (max. hailstorm)	Ø 45 mm impact velocity 30.7 m/s ± 110.5 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. 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 dimensions of holes on request
- HJT Bifaciality factor 85 +/- 3 %

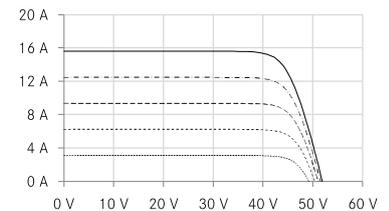
Your specialised Luxor partner

Back - / Frontview^{3, 4}

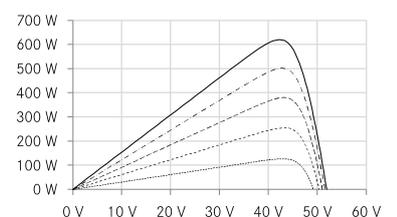


Electrical characteristics

UI-diagram e.g. 620 Wp



UP-diagram e.g. 620 Wp



----- 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