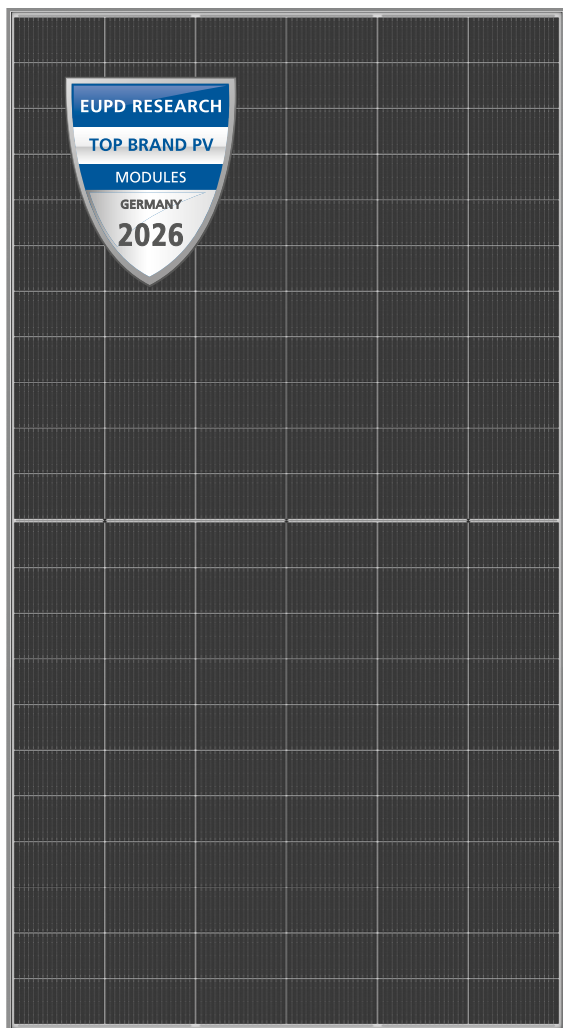




LUXOR

solar module manufacturer



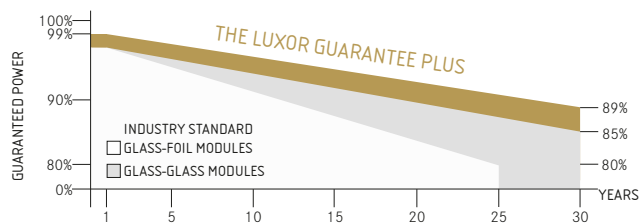
- + POWERFUL N-TYPE TOPCON CELLS
- + DOUBLE GLASS: HIGHER MECHANICAL AND THERMAL STABILITY
- + BIFACIAL: DOUBLE-SIDED POWER GENERATION FOR MORE YIELD
- + REDUCTION OF BALANCE-OF-SYSTEM-COSTS THROUGH HIGHER PERFORMANCE PER MODULE
- + APPLICATION: WHEREVER LONGEVITY AND ROBUSTNESS ARE REQUIRED



product guarantee¹



linear performance guarantee¹



ECO LINE PRO 710-730W

TOPCON SILVER WHITE

GLASS-GLASS, BIFACIAL, 2384MM X 1303MM



Longlife tested



Power proofed



Safety provided



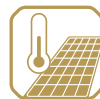
Selection of components



Back glass



Performance surplus of 0 Wp to 6.49 Wp



Higher heat dispensing



PID free
LID Free



German warrantor

ECO LINE PRO 710-730W

TOPCON, GLASS-GLASS, BIFACIAL, SW, 210-132+

Module type LX - XXXM/210-132+ GG | XXX = Rated power Pmpp

Electrical data at STC

Rated power Pmpp [Wp]	710.00	715.00	720.00	725.00	730.00
Pmpp range to	716.49	721.49	726.49	731.49	736.49
Rated current Imp [A]	17.42	17.45	17.49	17.52	17.56
Rated voltage Vmpp [V]	40.78	40.98	41.18	41.39	41.60
Short-circuit current Isc [A]	18.53	18.56	18.61	18.64	18.68
Open-circuit voltage Uoc [V]	49.37	49.61	49.85	50.11	50.36
Efficiency at STC up to	23.07%	23.23%	23.39%	23.55%	23.71%
Efficiency at 200 W/m ²	22.63%	22.78%	22.94%	23.10%	23.27%

Electrical data at NOCT

Power at Pmpp [Wp]	535.06	538.82	542.59	546.36	550.13
Rated current Imp [A]	14.06	14.09	14.12	14.14	14.17
Rated voltage Vmpp [V]	38.06	38.24	38.43	38.64	38.82
Short-circuit current Isc [A]	14.96	14.98	15.02	15.05	15.08
Open-circuit voltage Uoc [V]	45.57	45.80	46.04	46.30	46.54

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]	710.00	715.00	720.00	725.00	730.00
Maximum Rated power Pmpp [Wp]	786.68	792.22	797.76	803.30	808.84
Rated current Imp [A]	19.30	19.33	19.38	19.41	19.46
Rated voltage Vmpp [V]	40.76	40.97	41.17	41.38	41.57
Short-circuit current Isc [A]	20.53	20.56	20.62	20.65	20.70
Open-circuit voltage Uoc [V]	49.42	49.66	49.90	50.16	50.41

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]	-0.25 %/°C 0.045 %/°C -0.29 %/°C
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Specifications

Cells (matrix) Wafer Type	132 (6x22) M12 N-Type TOPCon
Module dimensions (L x B x H) ³ Weight	2384 mm x 1303 mm x 33 mm 38.7 kg
Bifaciality factor ⁵	Up to 80%
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 mateial	POE / EVA
Junction Box Diodes	IP68 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 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.

1 The specific warranty conditions are given under www.luxor.solar/downloads.html

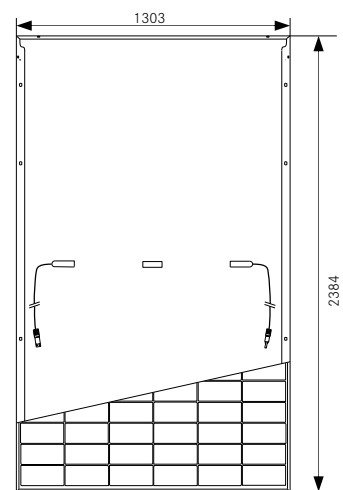
2 Horizontal mounted (IEC61215), for details please check mounting instruction

3 Tolerance L/W = +/- 3 mm, H +/- 2 mm, the dimensions given in the order confirmation will be decisive

4 Location and dimensios of holes on request

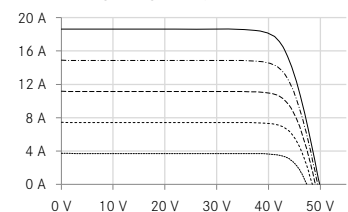
5 N-Type TOPCon Bifaciality factor 77 +/- 3 %

Back - / Frontview ^{3, 4}

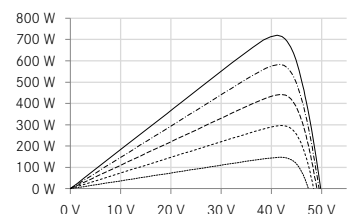


Electrical characteristics

UI-diagram e.g. 720 Wp



UP-diagram e.g. 720 Wp



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



IEC
IEC 61215
IEC 61730



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

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