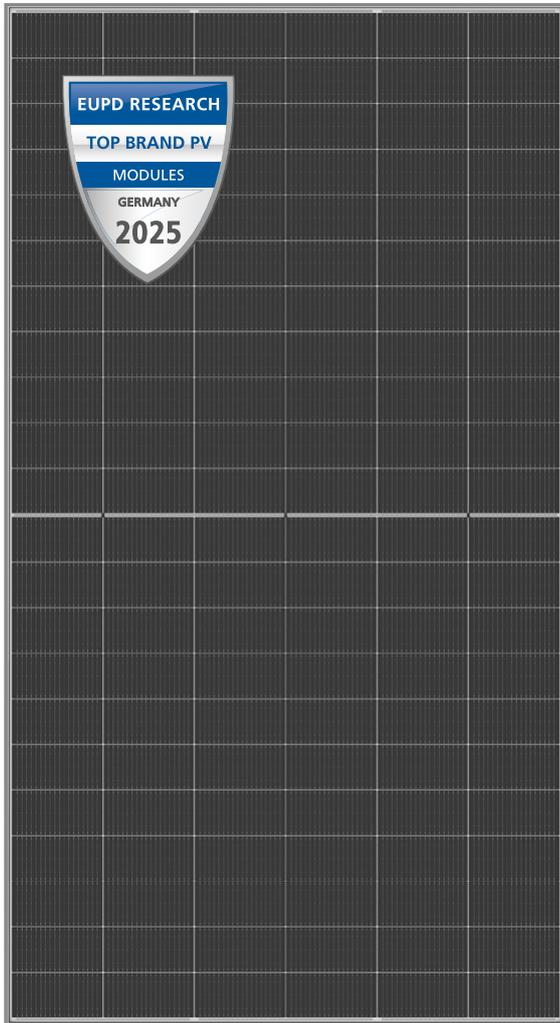




# LUXOR

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 guarantee<sup>1</sup>



linear performance guarantee<sup>1</sup>



## ECO LINE PRO 705-725W

## 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 CLASSIC 705-725W

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

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

### Electrical data at STC

	705.00	710.00	715.00	720.00	725.00
Rated power Pmpp [Wp]	705.00	710.00	715.00	720.00	725.00
Pmpp range to	711.49	716.49	721.49	726.49	731.49
Rated current Imp [A]	17.38	17.42	17.45	17.49	17.52
Rated voltage Vmpp [V]	40.58	40.78	40.98	41.18	41.39
Short-circuit current Isc [A]	18.49	18.53	18.56	18.61	18.64
Open-circuit voltage Uoc [V]	49.13	49.37	49.61	49.85	50.11
Efficiency at STC up to	22.90%	23.07%	23.23%	23.39%	23.55%
Efficiency at 200 W/m <sup>2</sup>	22.46%	22.63%	22.78%	22.94%	23.10%

### Electrical data at NOCT

Power at Pmpp [Wp]	531.29	535.06	538.82	542.59	546.36
Rated current Imp [A]	14.03	14.06	14.09	14.12	14.14
Rated voltage Vmpp [V]	37.87	38.06	38.24	38.43	38.64
Short-circuit current Isc [A]	14.93	14.96	14.98	15.02	15.05
Open-circuit voltage Uoc [V]	45.35	45.58	45.82	46.06	46.31

Specification as per STC (Standard test conditions): irradiance 1000 W/m<sup>2</sup> | module temperature 25°C | Air Mass = 1.5  
 NOCT (nominal operating cell temperature): irradiance 800 W/m<sup>2</sup> | 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]	705.00	710.00	715.00	720.00	725.00
Maximum Rated power Pmpp [Wp]	781.14	786.68	792.22	797.76	803.30
Rated current Imp [A]	19.26	19.30	19.33	19.38	19.41
Rated voltage Vmpp [V]	40.56	40.76	40.97	41.17	41.38
Short-circuit current Isc [A]	20.49	20.53	20.56	20.62	20.65
Open-circuit voltage Uoc [V]	49.18	49.42	49.66	49.90	50.16

Specifications as per BNPI (Bifacial Nameplate Irradiance): irradiance front 1000 W/m<sup>2</sup> | rear 135 W/m<sup>2</sup> | Temperature 25°C | Air Mass 1.5

### Limiting values

Max. system voltage   max. return current	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 <sup>2</sup>	5400 Pa / 2400 Pa

### Temperature coefficient

Temperature coefficient [U]   [I]   [P]	-0.25 %/°C   0.045 %/°C   -0.29 %/°C
---	--------------------------------------

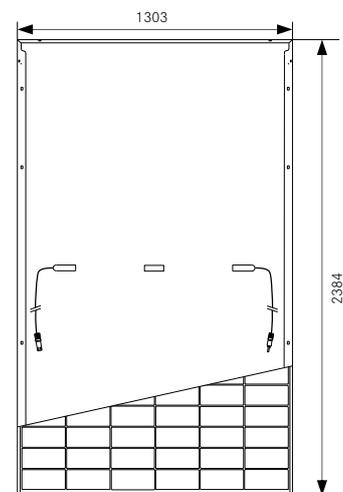
### Specifications

Cells (matrix)   Wafer   Type	132 (6x22)   M12   N-Type TOPCon
Module dimensions (L x B x H) <sup>3</sup>   Weight	2384 mm x 1303 mm x 33 mm   38.7 kg
Bifaciality factor <sup>5</sup>	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 material	POE / EVA
Junction Box   Diodes	At least IP67   3 Schottky Diodes
Cable	Symmetrical cable lengths > 1.4 m, 4 mm <sup>2</sup> solar cable
Connectors	MC4 or MC4 Connectable
Hail test (max. hailstorm)	Ø 45 mm   impact velocity 30.7 m/s ± 110.5 km/h

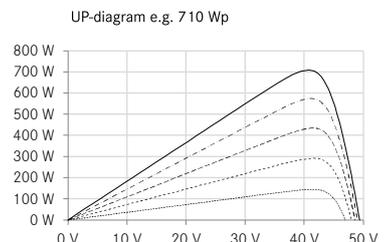
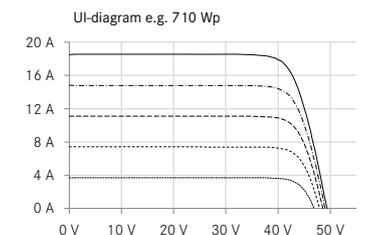
The specifications and average values can vary slightly. Relevant is the corresponding data of the individual measurement.  
 Specifications are subject to change without notice. Tolerance depending on equipment: rated power +/- 3%, other values +/- 10%.  
 All information given in this data sheet corresponds 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](http://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
- N-Type TOPCon Bifaciality factor 77 +/- 3 %

### Back - / Frontview <sup>3, 4</sup>



### Electrical characteristics



----- 200W/m<sup>2</sup>  
 ..... 400W/m<sup>2</sup>  
 - - - - 600W/m<sup>2</sup>  
 - . - . 800W/m<sup>2</sup>  
 ——— 1000W/m<sup>2</sup>



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](http://www.luxor.solar/downloads.html)

Your specialised Luxor partner