

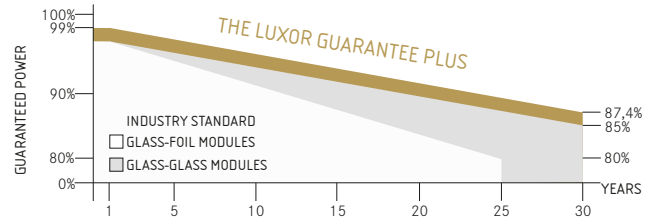
- + POWERFUL N-TYPE TOPCON CELLS
- + DOUBLE GLASS: HIGHER MECHANICAL AND THERMAL STABILITY
- + BIFACIAL: DOUBLE-SIDED POWER GENERATION FOR MORE YIELD
- + REDUCTION OF BALANCE-OF-SYSTEM-COSTS THROUGH HIGHER PERFORMANCE PER MODULE
- + ECONOMICAL AND ROBUST MODULE DESIGN



product guarantee¹



linear performance guarantee¹



ECO LINE CLASSIC 705-725W TOPCON SILVER WHITE

GLASS-GLASS, BIFACIAL, 2384MM X 1303MM



Longlife tested



Power proofed



Safety provided



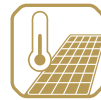
Selection of components



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 ² | 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/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] | 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/m² | rear 135 W/m² | 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 ² | 5400 Pa / 2400 Pa |

Temperature coefficient

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

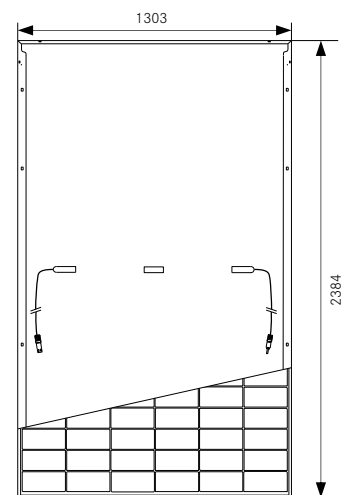
Specifications

| | |
|---|--|
| Cells (matrix) Wafer Type | 132 (6x22) M12 N-Type TOPCon |
| Module dimensions (L x B x H) 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 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 MC4 Connectable |
| Hail test (max. hailstorm) | ∅ 25 mm impact velocity 23 m/s ± 83 km/h |

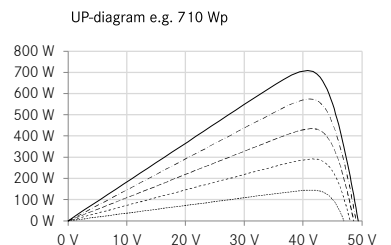
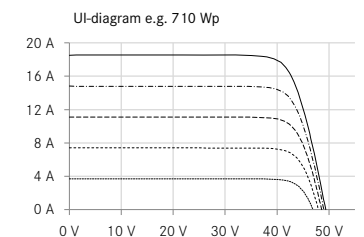
The specifications and average values can vary slightly. Relevant is the corresponding data of the individual measurement.
 Specifications are subject to change without notice. Tolerance depending on equipment: rated power +/- 3%, other values +/- 10%.
 All information given in this data sheet corresponds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

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

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