

- + REPOWERING
- + CLASSIC DIMENSIONS
- + APPLICATIONS: INDUSTRIAL, COMMERCIAL AND RESIDENTIAL POWER PLANTS
- + ECO: ESPECIALLY ECONOMIC AND RELIABLE



product guarantee¹



linear performance guarantee¹



ECO LINE

M72 / 200 W

MONOCRYSTALLINE MODULE FAMILY



Longlife tested



Power proofed



Safety provided



Selection of components



Cross-linking degree test



Performance surplus of 0 Wp to 6.49 Wp



100% PID free cells



Special packing to avoid micro cracks in the cells



German warrantor

ECO LINE M72 / 200 W

Monocrystalline module family

Module type LX - XXXM/125-72+ | XXX = Rated power P_{mpp}

Electrical data at STC

Rated power P _{mpp} [Wp]	200.00
P _{mpp} range to	206.49
Rated current I _{mpp} [A]	5.50
Rated voltage V _{mpp} [V]	36.49
Short-circuit current I _{sc} [A]	5.85
Open-circuit voltage U _{oc} [V]	45.62
Efficiency at STC up to	16.17%
Efficiency at 200 W/m ²	15.41%

Electrical data at NOCT

Power at P _{mpp} [Wp]	147.16
Rated current I _{mpp} [A]	4.40
Rated voltage V _{mpp} [V]	33.45
Short-circuit current I _{sc} [A]	4.68
Open-circuit voltage U _{oc} [V]	41.81

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

Limiting values

Max. system voltage [V]	1000 V
Max. return current [I]	15 A
Operating Temperature	-40 to 85°C
Safety class	II
Max. tested pressure load [Pa] ²	5400
Max. tested tensile load [Pa] ²	2400

Temperature coefficient

Temperature coefficient [V] [I] [P]	-0.30% /°C 0.06% /°C -0.40% /°C
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Specifications

Number of cells (matrix)	72 (6 x 12), three strings in a row 125 mm x 125 mm
Module dimensions (LxWxH) ³ Weight	1580 mm x 808 mm x 35 mm 15.5 kg
Front-side glass	3.2 mm tempered highly transparent, anti-reflection solar glass
Frame	stable, anodised aluminium frame
Junction Box	At least IP65
Cable	4 mm ² solar cable, cable length 0.9 m
Diodes	3 Schottky Diodes
Plug-in connection	MC4 or equivalent (IP67)
Hail test (max. hailstorm)	∅ 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.

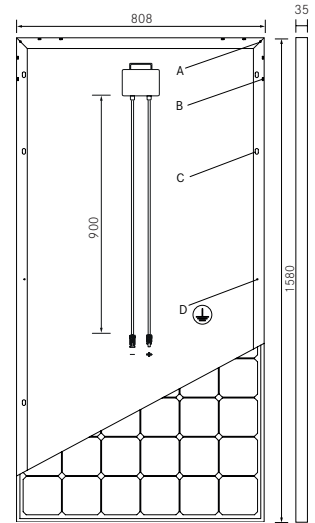
1 The specific warranty conditions are given under www.luxor-solar.com/download.htm

2 Horizontal mounted

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

4 Location and dimensions of holes on request

Back - / Front -/ Side view³

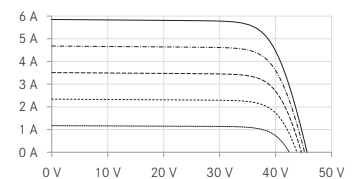


Drilled holes⁴

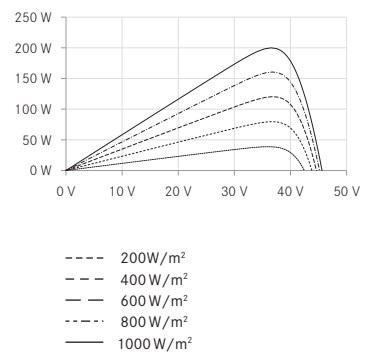
- A: 4 x drainage
- B: 16 x ventilation
- C: 8 x mounting
- D: 2 x earthing

Electrical characteristics

UI-diagram e.g. LX-200M/125-72+



UP-diagram e.g. LX-200M/125-72+



Luxor, your specialised company



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.com/download.htm