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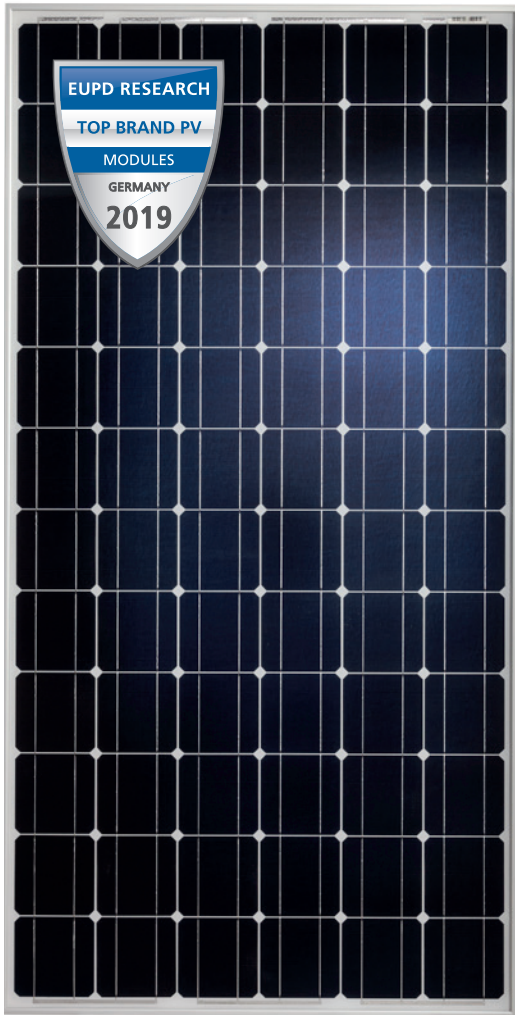
**Email: [contact@energypal.com](mailto:contact@energypal.com)**

# **EnergyPal**

## **Solar Panel Guide Specification Data Sheet**

**Luxor Solar GmbH  
Eco Line M72/200W  
LX-200M/125-72+**

Also available on the web at  
[EnergyPal.com/luxor-solar-gmbh-solar-panels/lx-200m-125-72](http://EnergyPal.com/luxor-solar-gmbh-solar-panels/lx-200m-125-72)



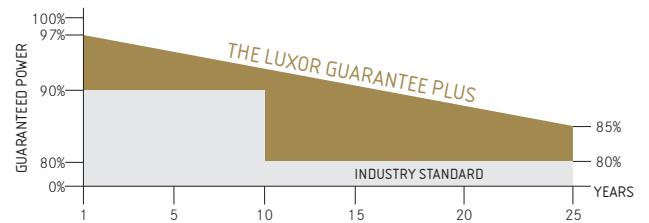
- + REPOWERING
- + CLASSIC DIMENSIONS
- + APPLICATIONS: INDUSTRIAL, COMMERCIAL AND RESIDENTIAL POWER PLANTS
- + ECO: ESPECIALLY ECONOMIC AND RELIABLE



product guarantee<sup>1</sup>



linear performance guarantee<sup>1</sup>



## 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 warranty

# ECO LINE M72 / 200 W

Monocrystalline module family

Module type LX - XXXM/125-72+ | XXX = Rated power Pmpp

## Electrical data at STC

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

## Electrical data at NOCT

Power at P <sub>mp</sub> [Wp]	147.16
Rated current I <sub>mp</sub> [A]	4.40
Rated voltage V <sub>mp</sub> [V]	33.45
Short-circuit current I <sub>sc</sub> [A]	4.68
Open-circuit voltage U <sub>oc</sub> [V]	41.81

Specification as per STC (Standard test conditions): irradiance 1000W/m<sup>2</sup> | module temperature 25°C | Air Mass = 1.5  
 NOCT (nominal operating cell temperature): irradiance 800W/m<sup>2</sup> | 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] <sup>2</sup>	5400
Max. tested tensile load [Pa] <sup>2</sup>	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) <sup>3</sup>   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 <sup>2</sup> 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.

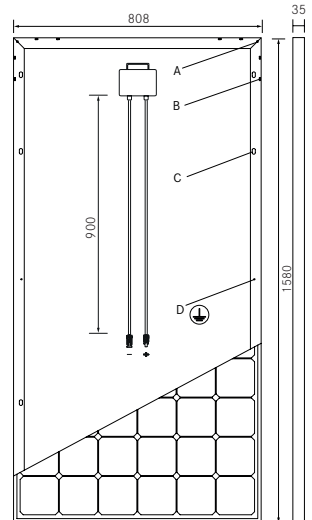
1 The specific warranty conditions are given under [www.luxor-solar.com/download.htm](http://www.luxor-solar.com/download.htm)

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 view<sup>3</sup>

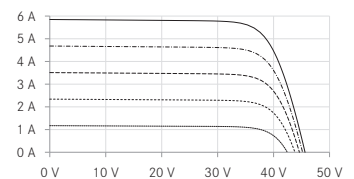


## Drilled holes<sup>4</sup>

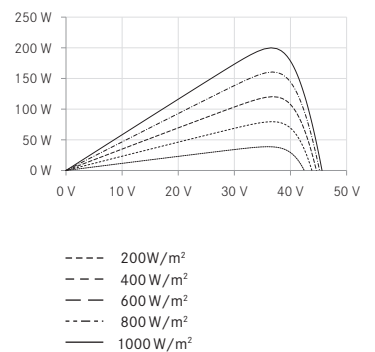
- A: 4 x drainage
- B: 16 x ventilation
- C: 8 x mounting
- D: 2 x earthing

## 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](http://www.luxor-solar.com/download.htm)