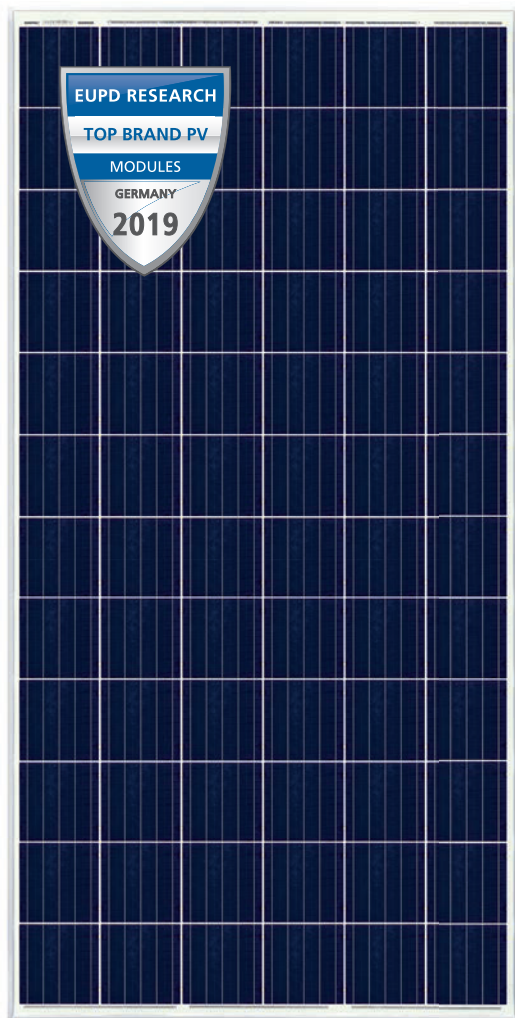




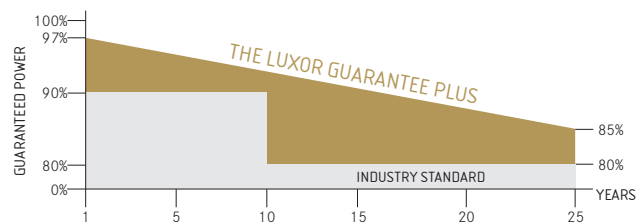
- + LARGE ALL-ROUNDER IN THE DIMENSIONS 1:2
- + APPLICATIONS: INDUSTRIAL, COMMERCIAL AND RESIDENTIAL POWER PLANTS
- + ECO: ESPECIALLY ECONOMIC AND RELIABLE



product guarantee¹



linear performance guarantee¹



ECO LINE

P72/320 - 340 W

POLYCRYSTALLINE 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 P72/320 - 340 W

Polycrystalline module family

Module type LX - XXXP/156-72+ | XXX = Rated power Pmpp

Electrical data at STC

Rated power Pmpp [Wp]	320,00	325,00	330,00	335,00	340,00
Pmpp range to	326,49	331,49	336,49	341,49	346,49
Rated current Impp [A]	8,60	8,68	8,77	8,86	8,95
Rated voltage Vmpp [V]	37,27	37,46	37,66	37,86	38,06
Short-circuit current Isc [A]	9,09	9,18	9,27	9,35	9,44
Open-circuit voltage Uoc [V]	45,67	45,98	46,29	46,61	46,93
Efficiency at STC up to	16,51%	16,77%	17,03%	17,29%	17,56%
Efficiency at 200 W/m ²	15,97%	16,30%	16,63%	16,97%	17,31%

Electrical data at NOCT

Power at Pmpp [Wp]	236,89	240,80	244,77	248,80	252,90
Rated current Impp [A]	6,88	6,95	7,02	7,09	7,16
Rated voltage Vmpp [V]	34,45	34,66	34,88	35,09	35,31
Short-circuit current Isc [A]	7,28	7,34	7,41	7,48	7,55
Open-circuit voltage Uoc [V]	42,21	42,54	42,87	43,21	43,54

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

Limiting values

Max. system voltage [V]	1000 V or 1500 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 156 mm x 156 mm
Module dimensions (LxWxH) ³ Weight	1956 mm x 992 mm x 40 mm 23,2 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 1,3 m
Diodes	3 Schottky Diodes 15A/45V
Plug-in connection	MC4 or equivalent with IP67
Hail test (max. hailstorm)	Ø 45mm 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.

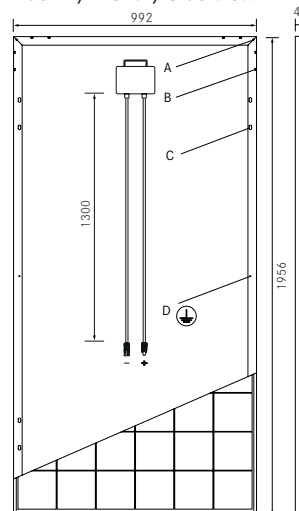
1 The specific warranty conditions are given under www.luxor-solar.com/download.htm

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

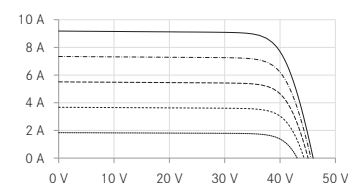


Drilled holes⁴

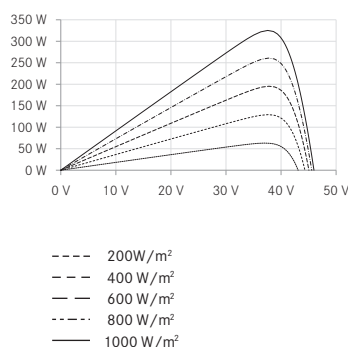
- A: 4 x drainage
- B: 16 x ventilation
- C: 8 x mounting
- D: 2 x earthing

Electrical characteristics

UI-diagramm e.g. LX-325P/156-72+



UP-diagramm e.g. LX-325P/156-72+



Luxor, your specialised company

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.com/download.htm