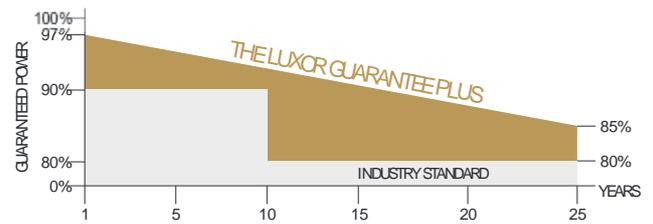




ECOLINE

72/ 185 200 W

Monocrystalline module family



Longlife tested



Power proofed



Safety provided



Selection of components



Cross-linking degree test



Performance surplus of 0Wp to 6.49Wp



Impv sorting



Special packing to avoid microcracks in the cells



German warrantor

Wherever flexibility is especially sought after, this module is in top form. With its dimension in a 1:2 ratio, it can always be optimally arranged in every roof covering and open-field installation. Our 72-cell module portrays a positive image with plus tolerances of 0Wp to 6.49Wp, through exemplary energy output. This is achieved through high-quality solar cell with an efficiency up to 18.6% at the best possible low light behaviour. A durable plug-in connection guarantees

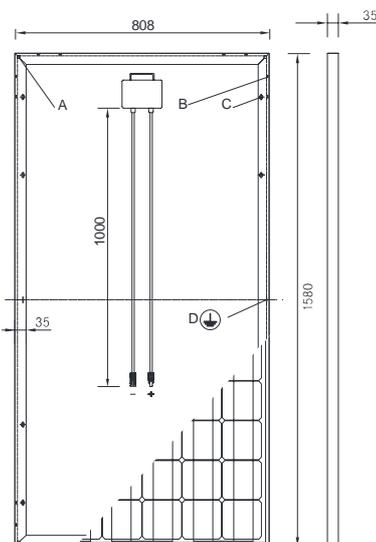
reliable power contact for every weather. Compatible with current assembly systems through the torsionally stiff and corrosion-free hollow-section frame made of anodised aluminium. Manufactured according to German standards and under the strict eyes of our engineers, each Luxor photovoltaic module is marked by a special level of durability and reliability.

EOLINE EOLINE72/ 185 □ 200W

Monocrystalline module family

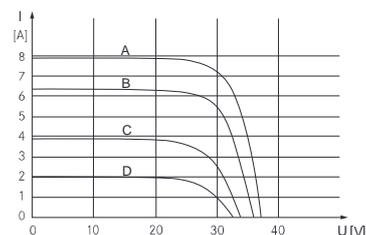
Electrical data	LX-185M	LX-190M	LX-195M	LX-200M
Rated power P _{mpp} [Wp]	185.00	190.00	195.00	200.00
P _{mpp} range from	185.00	190.00	195.00	200.00
P _{mpp} range to	191.49	196.49	201.49	206.49
Rated current I _{mpp} [A]	5.14	5.26	5.31	5.37
Rated voltage V _{mpp} [V]	36.02	36.14	36.74	37.26
Short-circuit current I _{sc} [A]	5.60	5.69	5.77	5.85
Open-circuit voltage U _{oc} [V]	43.43	43.66	43.89	44.12
Efficiency at STC	14.51%	14.90%	15.29%	15.68%
Efficiency at 200 W m ²	14.10%	14.48%	14.86%	15.24%
NOCT [°C]	47 □ 2°C	47 □ 2°C	47 □ 2°C	47 □ 2°C

Back view/ Front view/ Side view³

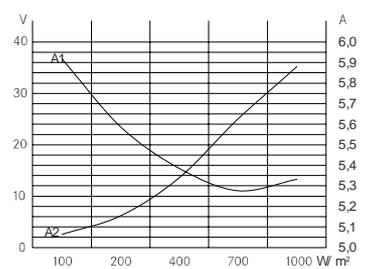


- A: 4 x drainage 10*10 mm
- B: 16 x ventilation aperture 3*7 mm
- C: 8 x mounting hole⁴ d = 7 mm
- D: 2 x earthing d = 2 mm

Characteristics



A: 1000 W m² | B: 800 W m² | C: 600 W m²



A1: I_{mpp} | A2: V_{mpp}

Limiting values	LX-185M / LX-190M / LX-195M / LX-200M
Max. system voltage [V]	1000 V
Max. return current [I]	12A
Temperature range	-40 to 85°C
Snow-load zone ²	approval up to SLZ 3 (according to DIN 1055)
Max. pressure load (static)	5400 Pa

Temperature coefficient	LX-185M / LX-190M / LX-195M / LX-200M
Temperature coefficient [V] [I] [P]	-0.35%/°C 0.04%/°C -0.45%/°C

Specifications	LX-185M / LX-190M / LX-195M / LX-200M
Number of cells (matrix)	6 x 12, three strings connected in series
Cell size	125 mm x 125 mm (diagonal: 165 mm)
Module dimensions (L x W x H) ² Weight	1,580 mm x 808 mm x 35 mm 15.0 kg
Front-side glass	3.2 mm hardened solar glass with low iron content
Frame	stable, anodised aluminium frame in a hollow-section design
Socket	plastic (PPO), IP65, ventilated and strain-relieved
Diodes	3 Schottky diodes 12A/ 45V
Cable	4 mm ² solar cable, cable length 1.0 m
Plug-in connection	high-quality plug-in system, (IP65) MC4 or equivalent
Hail test (max. hailstorm)	□ 45 mm impact velocity 23 m/ s
General technical approval	classified according to DIN EN 13501-5 as B _{ROOF} (ti)

Packing	LX-185M / LX-190M / LX-195M / LX-200M
Packing unit	28 modules, 2 I _{mpp} classes 28 PU/ 40 container
Dimensions (L x W x H) Weight	168 cm x 110 cm x 105 cm 496 kg gross

The specifications and average values can vary slightly. What is important is the corresponding data of the individual measurement. Specifications are subject to change without notice. Measurement tolerance: rated power +/- 3% other values +/- 10% all information in this data sheet corresponds to DIN 50380. A potential light-induced degradation of the power after commissioning is not considered here, other information can be found in the installation guidelines.

- 1 The specific warranty conditions are given under www.luxor-solar.com/download.htm
- 2 For standing installation
- 3 Tolerance L/ W = +/- 3 mm, H = the dimensions given in the order confirmation will be decisive
- 4 Location on request

Luxor, your specialised company

Guidelines: 2006/ 95/ EG-2006/ 95/ EC, 89/ 336/ EWG-89/ 336/ EEC, 93/ 68/ EWG-93/ 68/ EEC



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