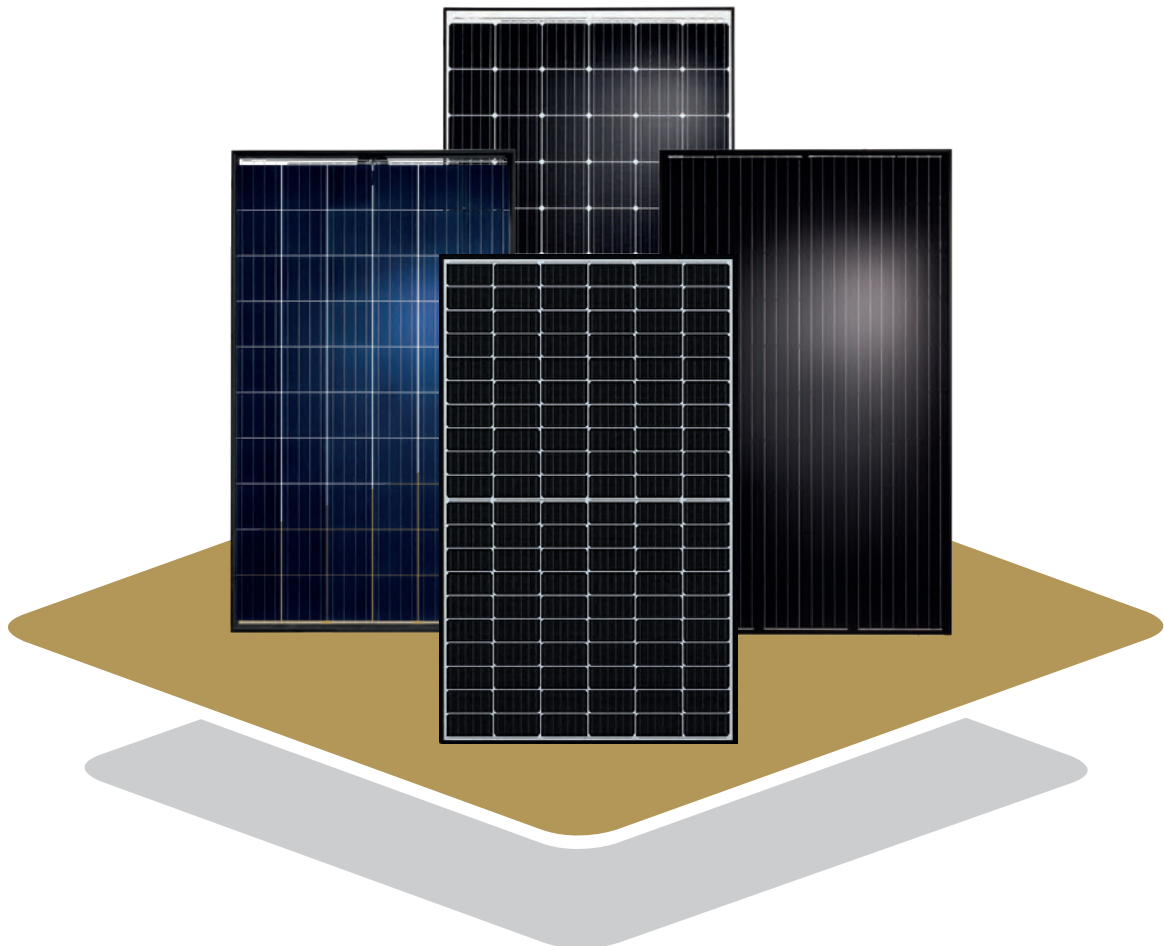


ENERGY IN
A DIFFERENT
LIGHT



SOLAR ENERGY SUSTAINABLE AND INEXHAUSTIBLE



It is fascinating, the force with which the sun propels our world and provides us humans with limitless energy. We at Luxor Solar have made it our mission to ensure that this inexhaustible source of energy is permanently available by producing durable, high-quality photovoltaic modules in high-end quality.

Inspired and motivated by the grand idea of solar energy, at Luxor we have been manufacturing brand modules to order since 2007. With over 13 years experience, an annual production capacity of 800 MWp and installations in over 70 countries, Luxor is one of the most well-established companies in the solar industry.

Down-to-earth economies and robust products are the basis for our success. Our ISO certification provides evidence of our quality standards. We are particularly proud that we are able to act independently as a self-funded company. This allows us to respond quickly in an ever-changing market. And we can afford to make long-term decisions that are not based on rapid distribution of profits. Our high equity ratio provides the guarantee of this, and our excellent ratings with Schufa and Creditreform offer further proof. For our customers in projects, trade and manual work, we are therefore a reliable partner able to respond flexibly to individual customer requirements.

On the following pages, we will present Luxor as a company, Luxor's products, and our criteria for high-quality production.

Welcome to Luxor Solar.

Volker Leh, Managing Director

Luxor figures and facts

2007

Founding of Luxor Solar GmbH. Headquarter in Stuttgart.

2011

Establishment of our first branch office (Quality Management): Luxor Solar Technologies (Shanghai) Co., Ltd.

2012

+ ISO 9001: 2008 (Quality Management), ISO 14001: 2004 (Environmental Management) and OSAS 18001:2007 (Occupation Health and Safety Management Systems).
+ Founding of Luxor Solar K. K. (Tokyo, Japan).

2015

+ ISO 9001: 2008 (Quality Management), ISO 14001: 2004 (Environmental Management).

2016

+ Founding of Luxor Solar LLC (California, USA).

Facts

+ Production capacity of 2019: 800 MWp
+ Complaint rate: 0.003 %
+ Production locations: Europe, Asia

WITH THE QUALITY AWARENESS OF GERMAN ENGINEERS



With its products, Luxor Solar stands for reliable, high performance solar modules manufactured in high-end quality.

How well a solar module works is shown not only on the roof, but already during manufacturing. The quality of Luxor solar modules is shown in all locations where they are tested for low-light performance, degree of cross-linking, temperature coefficient and module performance. For example at the TÜV, the Fraunhofer Institute in Freiburg or the Photovoltaics Institute Berlin.

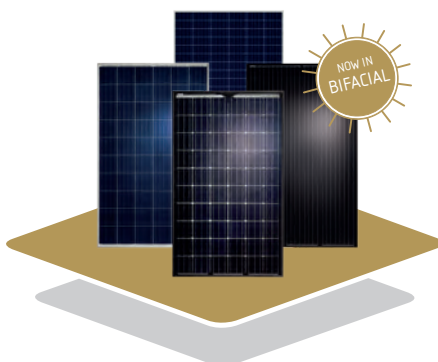
Our strict quality controls begin in production. For this reason, we have developed our own manufacturing guidelines, using our years of experience and the sum total of our expertise:

- + On-site monitoring by our own engineers.
- + 100 % pre-sorting of cells according to current, voltage and optics.
- + 100 % testing of modules for micro-cracks before and after lamination through electroluminescence.
- + High-quality flashers with parameters checked and monitored by Luxor for precise measurement results.

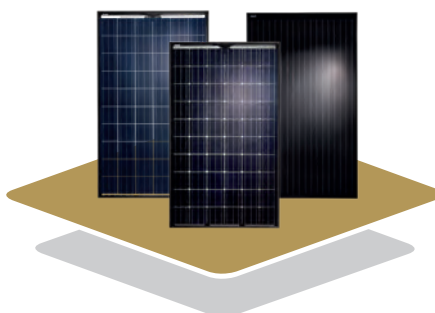
This results in a quality, which we at Luxor guarantee with our comprehensive guarantee. In addition, this is confirmed for us by independent testing institutes.



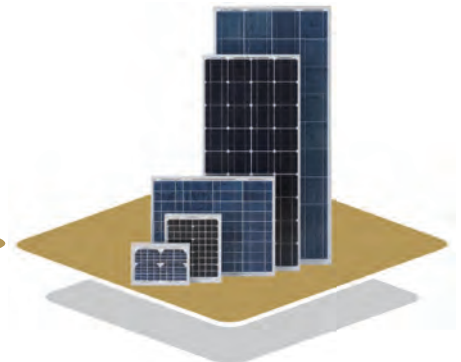
ECO LINE
MONOCRISTALLINE
POLYCRISTALLINE



SECURE LINE
MONOCRISTALLINE
POLYCRISTALLINE



SOLO LINE
MONOCRISTALLINE
POLYCRISTALLINE



IS TRUE FOR OUR PRODUCTS, FLEXIBILITY NOT COMPLEXITY

Cell type	Maximum rated power of the available editions in Wp:				
	Backsheet white	Backsheet black or transparent	Smart Edition possible	Efficiency at STC (%) up to	Dimensions LxWxH (mm)
ECO LINE M48 48-cells 156 monocrystalline	245	235	-	19,15%	1324 x 992 x 35
ECO LINE P48 48-cells 156 polycrystalline	220	-	-	17,25%	1324 x 992 x 35
ECO LINE M60 60-cells 156 monocrystalline	310	300	x	19,46%	1640 x 992 x 35
ECO LINE M60 60-cells 158 monocrystalline	315	305	x	19,28%	1665 x 1002 x 35
ECO LINE P60 60-cells 156 polycrystalline	275	-	x	17,31%	1640 x 992 x 35
ECO LINE M72 72-cells 125 monocrystalline	200	200	-	16,18%	1580 x 808 x 35
ECO LINE M72 72-cells 156 monocrystalline	370	-	x	19,41%	1956 x 992 x 40
ECO LINE P72 72-cells 156 polycrystalline	330	-	x	17,35%	1956 x 992 x 40
ECO LINE M96 96-cells 158 monocrystalline	260	250	-	19,63%	1355 x 1002 x 35
ECO LINE M120 120-cells 156 monocrystalline	320	310	-	19,65%	1675 x 992 x 35
ECO LINE M120 120-cells 158 monocrystalline	330	320	-	19,95%	1684 x 1002 x 35
ECO LINE P120 120-cells 156 polycrystalline	290	-	-	17,85%	1675 x 992 x 35
ECO LINE M144 144-cells 156 monocrystalline	380	-	-	19,49%	2000 x 992 x 40
ECO LINE P144 144-cells 156 polycrystalline	340	-	-	17,47%	2000 x 992 x 40
ECO LINE NON-REFLECT M60 60-cells 156 monocrystalline	310	300	x	19,46%	1640 x 992 x 35
ECO LINE GLASS-GLASS M60 60-cells 156 monocrystalline	310	300	x	18,98%	1681 x 992 x 35
ECO LINE GLASS-GLASS NON-REFLECT M60 60-cells 156 monocrystalline	310	300	x	18,98%	1681 x 992 x 40
ECO LINE GLASS-GLASS NON-REFLECT FRAMELESS M60 60-cells 156 monocrystalline	310	300	-	19,22%	1674 x 984 x 8
ECO LINE GLASS-GLASS BIFACIAL M60 60-cells 156 monocrystalline	310	310	-	19,06%	1664 x 998 x 30
ECO LINE GLASS-GLASS BIFACIAL FRAMELESS M60 60-cells 156 monocrystalline	310	310	-	19,25%	1658 x 992 x 6
SECURE LINE M60 60-cells 156 monocrystalline	310	300	x	18,83%	1681 x 1000 x 40
SECURE LINE FRAMELESS M60 60-cells 156 monocrystalline	310	300	-	19,06%	1674 x 992 x 7
SOLO LINE P36 36-cells polycrystalline	10	-	-	10,16%	353 x 293 x 35
	50	-	-	14,68%	538 x 665 x 35
	160	-	-	16,77%	1482 x 676 x 35
SOLO LINE M36 36-cells monocrystalline	100	-	-	16,23%	353 x 293 x 35
	160	-	-	16,77%	538 x 665 x 35
	170	-	-	17,82%	1482 x 676 x 35

Specification as per STC (Standard test conditions): irradiance 1000 W/m² | module temperature 25°C | Air Mass = 1.5

3 GOOD REASONS FOR LUXOR SOLAR MODULES



POWER PROOFED



Powerful

- + Performance increase from 0–6.49Wp above the nominal rating (according to STC)



Efficient

- + Cells: Efficiency over 22.8%
- + Modules: Efficiency over 20%
- + Tempered solar glass: Anti-glare and optimised composition for maximum light transmission.



Practical

- + Sorted by Impv
- + Categories are colour-coded
- + Cable length > 1.0 m



LONG LIFE TESTED



Luxor Guarantee¹

- + 15 years product guarantee
- + Linear performance guarantee
- + 50 years laminate guarantee



Secure

- + Extremely high-quality, durable plug sockets for optimal conductivity in all weather conditions (at least IP65)
- + PID resistant (PI-Berlin)



Certified²

- + Salt spray test
- + Ammonia test
- + Fire prevention



SAFETY PROVIDED



German company

- + Guarantee: In case of need, as the German guarantor Luxor will assume settlement



Well thought out

- + Specialist packaging prevents micro-cracks in the cells
- + Modules are transported upright
- + Low storage and transport costs



Weatherproof

- + Maximum pressure load (static) 5400 Pa
- + Hail test (max. hail): Ø 45 mm, Impact velocity 23 m/s, 83 km/h

1) Exact guarantee terms and conditions at www.luxor-solar.com/en/downloads.html

2) The validity of the certificates/listings for a specific country has to be examined under: www.luxor-solar.com/en/downloads.html



Luxor, your specialised company



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