

10-year product guarantee



12-year guarantee for 90% rated power



25-year guarantee for 80% rated power



## SOLO LINE

### 36/10 - 160 W

#### Mono- and polycrystalline module family

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Stand-alone photovoltaic systems can be installed wherever supply of electricity from a power grid is unavailable, uneconomic or not desirable. In situations such as these, Luxor offers specially developed, high-quality, efficient off-grid modules, which are also ideal for 12 V. The Solo Line modules are suitable for all kinds of power generation in the leisure sector or for professional applications such as holiday, garden or residential homes, mobile systems in caravans or boats,

solar pumps for drinking water supply and irrigation, and in traffic systems such as parking ticket machines, traffic control systems or even street lamps, measurement systems or telecommunication systems.

The compact and sturdy stand-alone PV module is the practical solution and ideal for applications with no connection to the power grid. Selecting Luxor off-grid modules provides solutions even for the most demanding requirements.

# SOLO LINE 36/10-160W

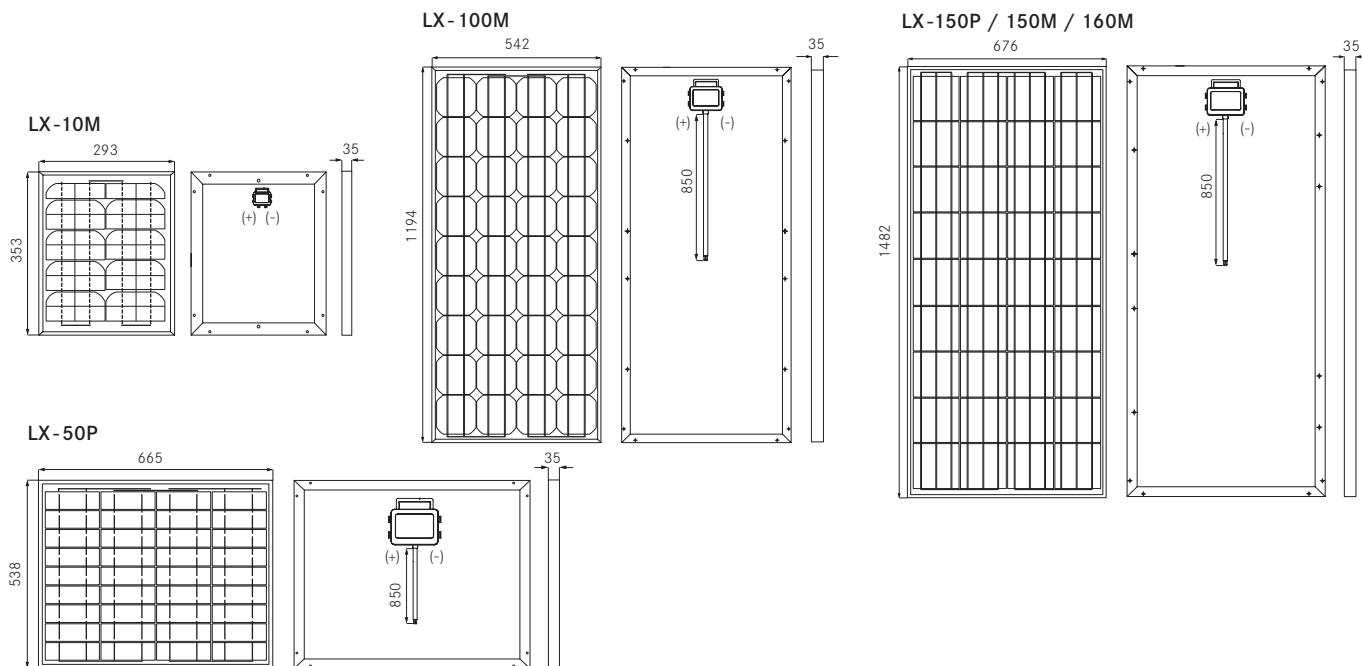
Mono-/Polycrystalline module family

Electrical data	LX-10M	LX-50P	LX-100M	LX-150P	LX-150M	LX-160M
Rated power P <sub>mpp</sub> [Wp]	10	50	100	150	150	160
Power tolerance	0 / +5%	0 / +5%	0 / +5%	0 / +5%	0 / +5%	0 / +5%
Rated current I <sub>mpp</sub> [A]	0.58	2.88	5.39	8.14	8.23	8.36
Rated voltage V <sub>mpp</sub> [V]	17.39	17.44	18.70	18.45	18.33	19.14
Short-circuit current I <sub>sc</sub> [A]	0.64	3.24	5.87	8.59	8.37	8.99
Open-circuit voltage [V]	21.60	21.60	21.60	22.39	22.00	23.08
Max. system voltage [V]	150	400	1000	1000	1000	1000

Temperature coefficient [ % / °C ]	LX-10M	LX-50P	LX-100M	LX-150P	LX-150M	LX-160M
Temperature coefficient [P]	-0.49%	-0.45%	-0.49%	-0.45%	-0.49%	-0.49%
Temperature coefficient [I]	0.05%	0.05%	0.05%	0.05%	0.05%	0.05%
Temperature coefficient [U]	-0.35%	-0.32%	-0.35%	-0.32%	-0.35%	-0.35%

Specifications	LX-10M	LX-50P	LX-100M	LX-150P	LX-150M	LX-160M
Cell size	62.5 x 31.25mm	52 x 156mm	125 x 125mm	156 x 156mm	156 x 156mm	156 x 156mm
Number of cells   cell type	4 x 9   mono	4 x 9   poly	4 x 9   mono	4 x 9   poly	4 x 9   mono	4 x 9   mono
Weight	1.5kg	5.5kg	7.8kg	11.5kg	11.5kg	11.5kg
Cable length	-	850 mm	850 mm	850 mm	850 mm	850 mm
Cable diameter	-	4 mm <sup>2</sup>	4 mm <sup>2</sup>	4 mm <sup>2</sup>	4 mm <sup>2</sup>	4 mm <sup>2</sup>
Diode	-	-	2 x 12 A	2 x 12 A	2 x 12 A	2 x 12 A
Socket	IP 54	IP 54	IP 65	IP 65	IP 65	IP 65

Front view / Back view / Side view



Your Luxor Partner

\*IEC only valid for LX-100M till LX-160M



**IEC**  
IEC 61215  
IEC 61730



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)