

10-year product guarantee



12-year guarantee for 90% rated power



25-year guarantee for 80% rated power



SOLO LINE

36/5 - 140 W

Mono- and polycrystalline module family

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, tried and tested, high-quality, efficient solar module solutions. Solo Line Island PV 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, etc. 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 stand-alone modules provides solutions even for the most demanding requirements.

SOLO LINE SOLO LINE 36/5 - 140W

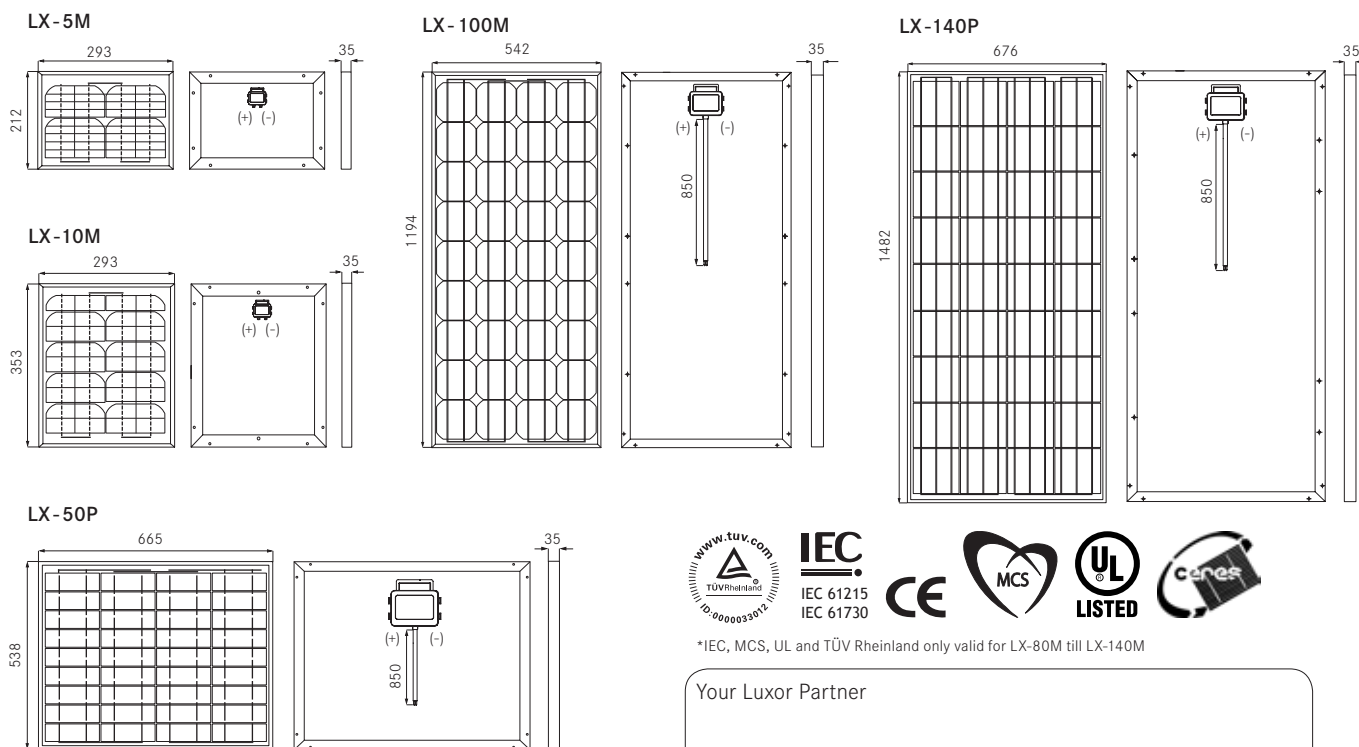
Mono-/Polycrystalline module family

Electrical data	LX-5M	LX-10M	LX-50P	LX-100M	LX-140P
Article description	LX-5M / 62.5x15.625-36	LX-10M / 62.5x31.25-36	LX-50P / 156x52-36	LX-100M / 125-36	LX-140P / 156-36
Rated power P _{mpp} [Wp]	5	10	50	100	140
Rated voltage V _{mpp} [V]	17.39	17.39	17.44	18.70	17.97
Rated current I _{mpp} [A]	0.29	0.58	2.88	5.39	7.81
Power tolerance	0 / +5%	0 / +5%	0 / +5%	0 / +5%	0 / +5%
Max. system voltage [V]	150	150	400	1000	1000
Open-circuit voltage [V]	21.60	21.60	21.60	21.60	21.60
Short-circuit current I _{sc} [A]	0.32	0.64	3.24	5.87	8.24

Temperature coefficient [%/°C]	LX-5M	LX-10M	LX-50P	LX-100M	LX-140P
Temperature coefficient [P]	-0.49%	-0.49%	-0.45%	-0.49%	-0.45%
Temperature coefficient [I]	0.05%	0.05%	0.05%	0.05%	0.05%
Temperature coefficient [V]	-0.35%	-0.35%	-0.32%	-0.35%	-0.32%

Specifications	LX-5M	LX-10M	LX-50P	LX-100M	LX-140P
Cell size	62.5 x 15.625 mm	62.5 x 31.25 mm	52 x 156 mm	125 x 125 mm	156 x 156 mm
Number of cells cell type	4 x 9 mono	4 x 9 mono	4 x 9 poly	4 x 9 mono	4 x 9 poly
Weight	1.2 kg	1.5 kg	5.5 kg	7.8 kg	11.5 kg
Cable length	-	-	850 mm	850 mm	850 mm
Cable diameter	-	-	4 mm ²	4 mm ²	4 mm ²
Diode	-	-	-	2 x 12 A	2 x 12 A
Socket	IP 54	IP 54	IP 54	IP 65	IP 65

Front view / Back view / Side view



*IEC, MCS, UL and TÜV Rheinland only valid for LX-80M till LX-140M

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ClimatePartner[®]
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 Zertifikatsnummer:
 778-53212-0511-1068
 www.climatepartner.com