

product guarantee¹

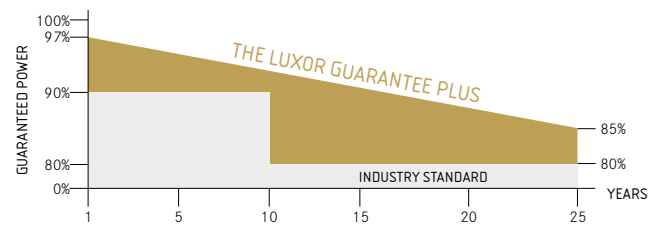


linear performance guarantee¹



SOLO LINE
36/10 - 180 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, 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 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 - 180W

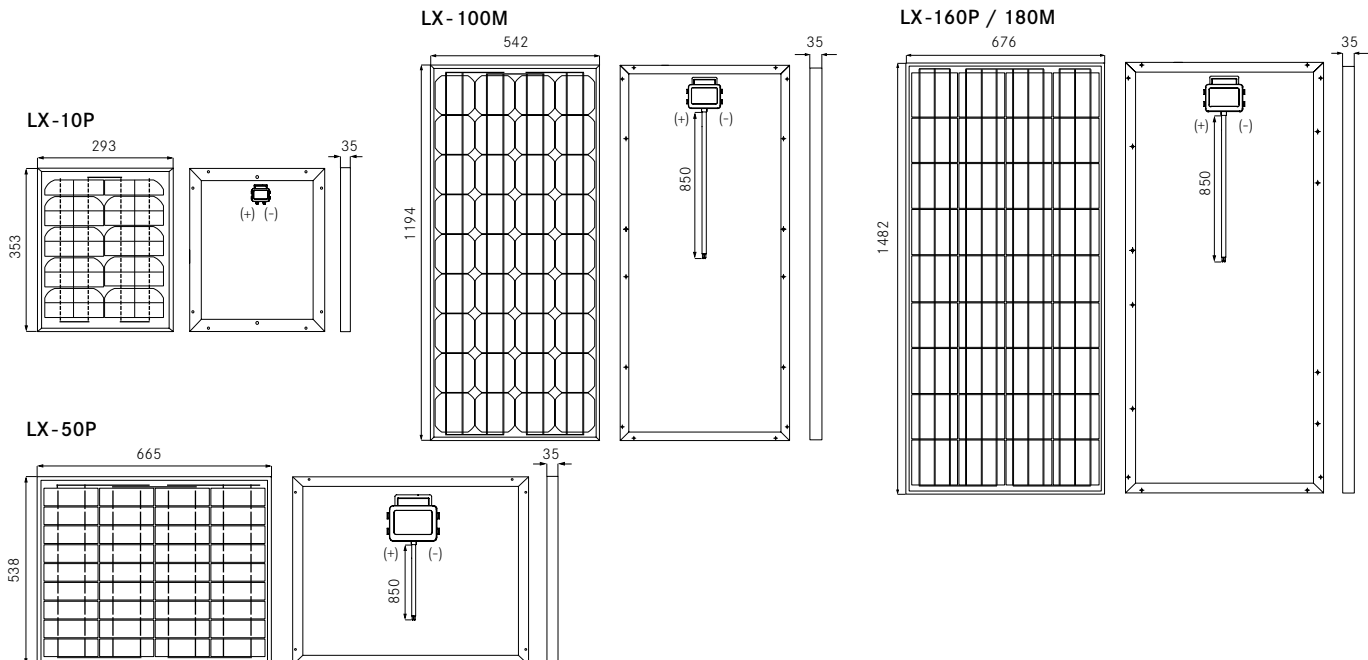
Mono-/Polycrystalline module family

Electrical data	LX-10P	LX-50P	LX-100M	LX-160P	LX-180M
Rated power P _{mpp} [Wp]	10	50	100	160	180
Power tolerance	0 / +5 %	0 / +5 %	0 / +5 %	0 / +5 %	0 / +5 %
Rated current I _{mpp} [A]	0.58	2.88	5.39	8.56	9.31
Rated voltage V _{mpp} [V]	17.39	17.44	18.70	18.73	19.39
Short-circuit current I _{sc} [A]	0.64	3.24	5.87	9.06	9.75
Open-circuit voltage [V]	21.60	21.60	21.60	22.98	23.05
Max. system voltage [V]	150	400	1000	1000	1000

Temperature coefficient [% / °C]	LX-10P	LX-50P	LX-100M	LX-160P	LX-180M
Temperature coefficient [P]	-0.49 %	-0.45 %	-0.49 %	-0.45 %	-0.49 %
Temperature coefficient [I]	0.05 %	0.05 %	0.05 %	0.05 %	0.05 %
Temperature coefficient [U]	-0.35 %	-0.32 %	-0.35 %	-0.32 %	-0.35 %

Specifications	LX-10P	LX-50P	LX-100M	LX-160P	LX-180M
Cell size	78 x 22.5 mm	52 x 156 mm	125 x 125 mm	156 x 156 mm	156 x 156 mm
Number of cells cell type	4 x 9 poly	4 x 9 poly	4 x 9 mono	4 x 9 poly	4 x 9 mono
Weight	1.5 kg	5.5 kg	7.8 kg	11.5 kg	11.5 kg
Cable length	-	850 mm	850 mm	850 mm	850 mm
Cable diameter	-	4 mm ²	4 mm ²	4 mm ²	4 mm ²
Diode	-	-	2 x 12 A	2 x 12 A	2 x 12 A
Junction Box	IP 65	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-180M



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