



product guarantee¹



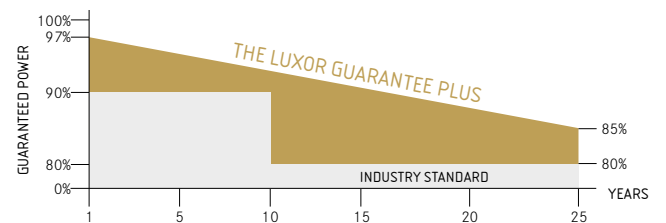
linear performance guarantee¹



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

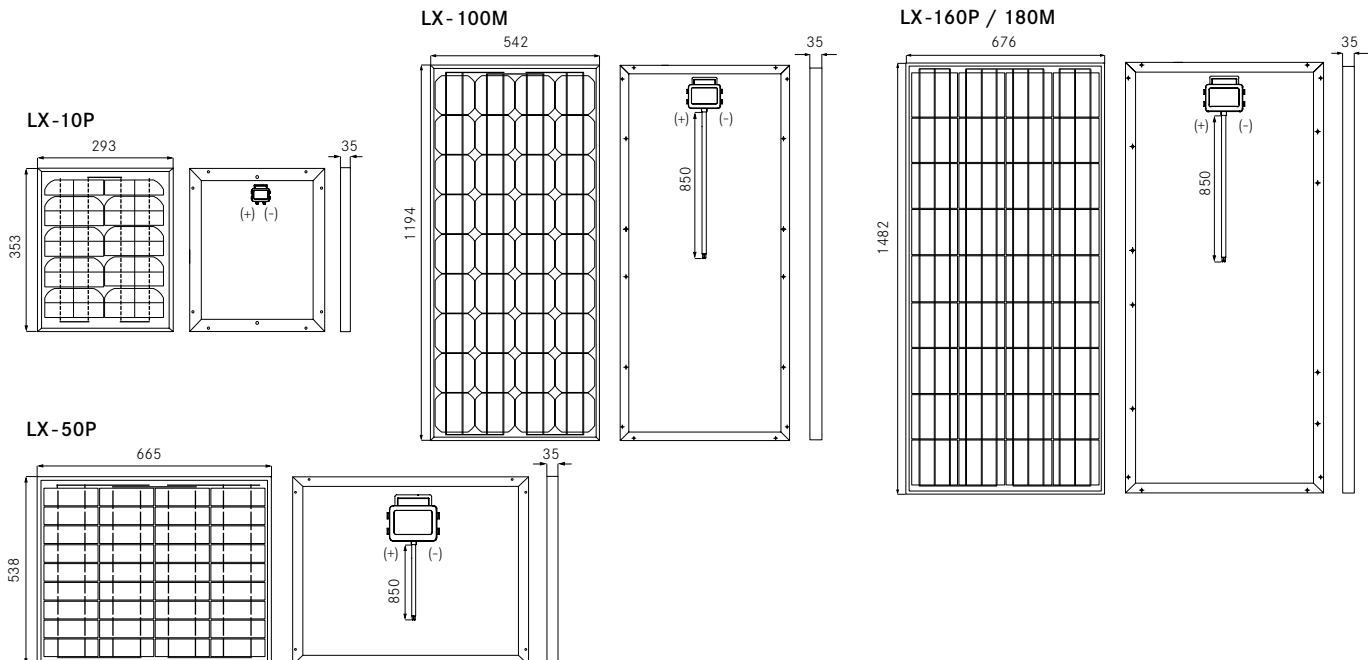
Mono-/Polycrystalline module family

| 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



The validity of the certificates/listings for a specific country has to be examined under:
www.luxor-solar.com/download.htm