





5-year guarantee for 90 % rated power



10-year guarantee for 80 % rated power



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 36/5-120 W

Mono-/Polycrystalline module family

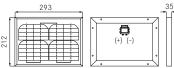
Electrical data	LX-5M	LX-10M	LX-50P	LX-80M	LX-120P
Article description	•	LX-10M / 62.5 x 31.25 - 36	LX-50P/156×52-36	LX-80M/125-36	LX-120P/156-36
Rated power Pmpp [Wp]	5	10	50	80	120
Rated voltage Vmpp [V]	17.39	17.39	17.44	17.86	17.91
Rated current Impp [A]	0.29	0.58	2.88	4.50	6.71
Power tolerance	+/-3%	+/-3%	+/-3%	+/-3%	+/-3%
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 Isc [A]	0.32	0.64	3.24	5.06	7.40

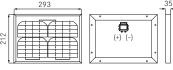
Temperature coefficient [%/°C]	LX-5M	LX-10M	LX-50P	LX-80M	LX-120P
Temperature coefficient [P]	-0.49 %	-0.49 %	-0.45%	-0.49 %	-0.45%
Temperature coefficient [I]	0.05%	0.05%	0.05%	0.05%	0.05%
Temperature coefficient [V]	-0.35%	-0.35%	-0.32%	-0.35%	-0.32%

Specifications	LX-5M	LX-10M	LX-50P	LX-80M	LX-120P
Cell size		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 mm²	4 mm²	4 mm²
Diode	=	-	-	2 x 12 A	2 x 12 A
Socket	IP 54	IP 54	IP 54	IP 65	IP 65

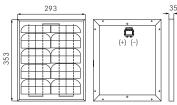
Front view / Back view / Side view



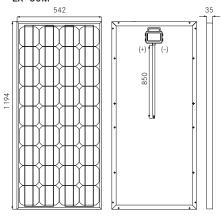




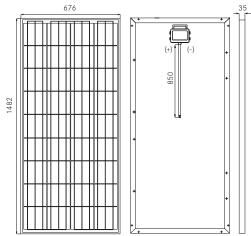
LX-10M



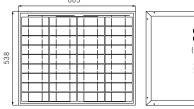
LX-80M

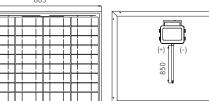


LX-120P



LX-50P















*IEC, MCS, UL and TÜV Rheinland only valid for LX-80M and LX-120M $\,$

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