

Photovoltaic module IRES SL-Series



- SL 170 M
- SL 175 M
- SL 180 M
- SL 185 M

- High product quality provides an excellent long-lasting module performance
- Robust against changing external influences and mechanical stress
- Combination of performance and attractive design



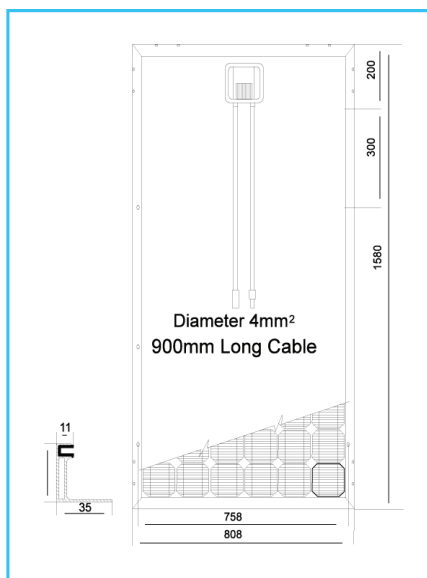
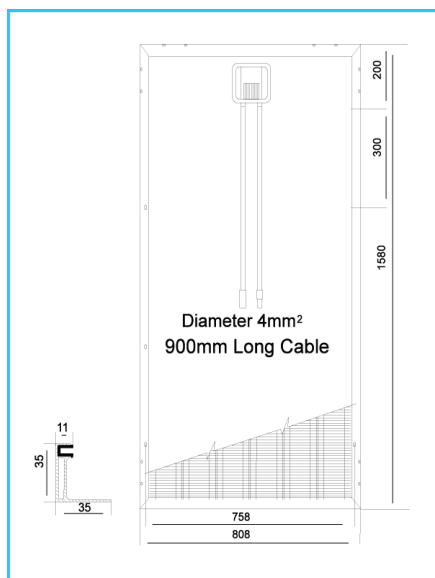
Certification and warranty

- VDE certified according IEC 61215, IEC 61730 and CE
- Approved for the Australian market by the www.cleanenergycouncil.org.au
- Meet the requirements for Safety Class II
- 5 years product warranty on material and faultless production
- We guarantee a module performance of 90 % within 10 years, and a minimum of 80 % up to 25 years
- Your IRES solar module is guaranteed to have a positive power tolerance



Mechanical specifications

Dimensions (LxWxD):	1.580 x 808 x 35 mm
Weight:	16 kg
Connection Box:	1 connection box with 3 bypass diodes
Cable:	solar cable, 4mm ² , 2 x 900 mm with MC4-Plug
Front glass:	low iron, anti-reflex solar glass, ESG 3.2 mm
Cells:	72 pieces 5 inch, 125 x 125 mm, monocrystalline silicon
Frame:	eloxadized aluminium pattern, plugged



Drawings and tolerances are not to scale.
Detailed dimensions and tolerances
are available upon request.

Electrical specifications

Cell type	SL 170 M	SL 175 M	SL 180 M	SL 185 M
Power tolerance [%]	- 0 / + 3	- 0 / + 3	- 0 / + 3	- 0 / + 3
Max. Voltage [V]	1000	1000	1000	1000
Max. Power [Wp]	170	175	180	185
V _{mpp} [V]	36.0	36.4	36.8	36.8
I _{mpp} [A]	4.72	4.81	4.89	5.03
V _{oc} [V]	44.1	44.2	44.6	44.6
I _{sc} [A]	5.17	5.22	5.30	5.46
Temperature coefficient [V _{oc}]	- 0.333 % / °C			

