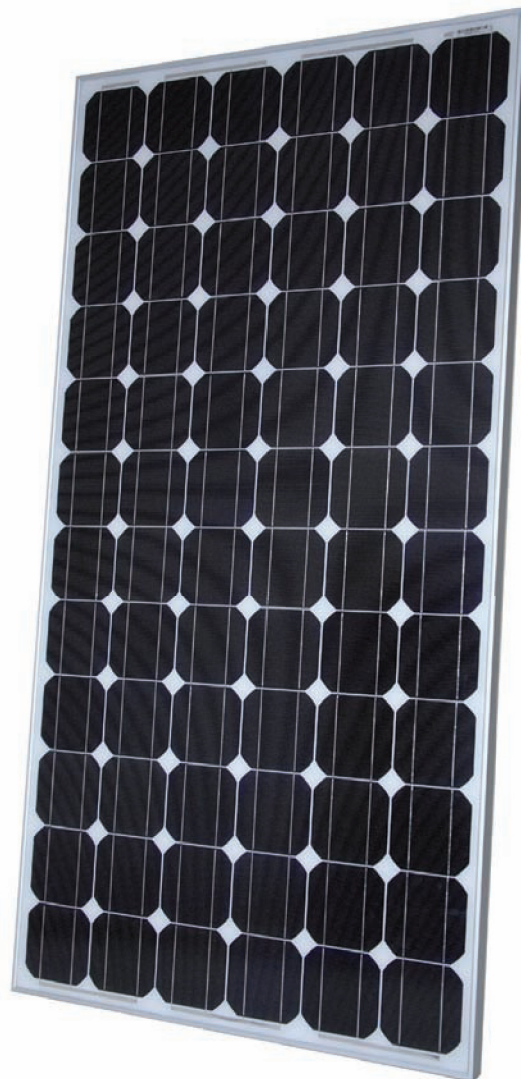


## Photovoltaic module IRES SL-Series

- 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



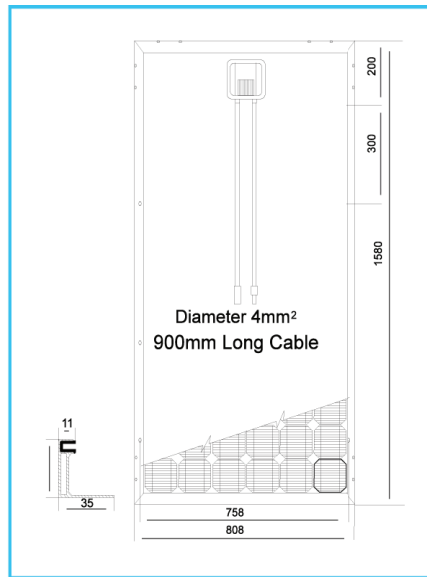
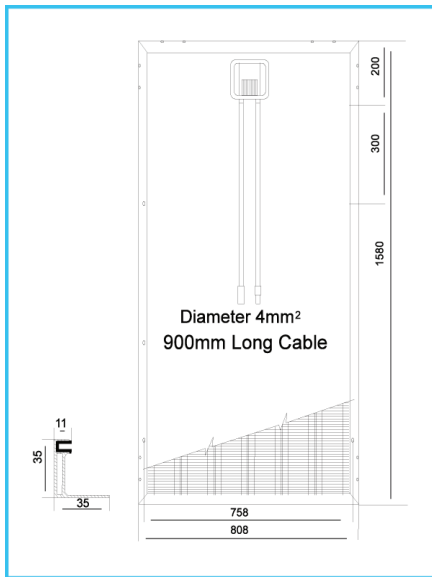
### Certification and warranty

- VDE certified according IEC 61215, IEC 61730 and CE
- Approved for the Australian market by the [www.cleanenergycouncil.org.au](http://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:	15 kg
Connection Box:	1 connection box with 3 bypass diodes
Cable:	solar cable, 4mm <sup>2</sup> , 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 <sub>mpp</sub> [V]	35.5	35.5	36.0	36.0
I <sub>mpp</sub> [A]	4.79	4.93	5.00	5.14
V <sub>oc</sub> [V]	42.6	42.6	43.2	43.2
I <sub>sc</sub> [A]	5.36	5.52	5.60	5.76
Temperature coefficient [V <sub>oc</sub> ]	- 0.35 % / °C			

