

SOLBIANFLEX™

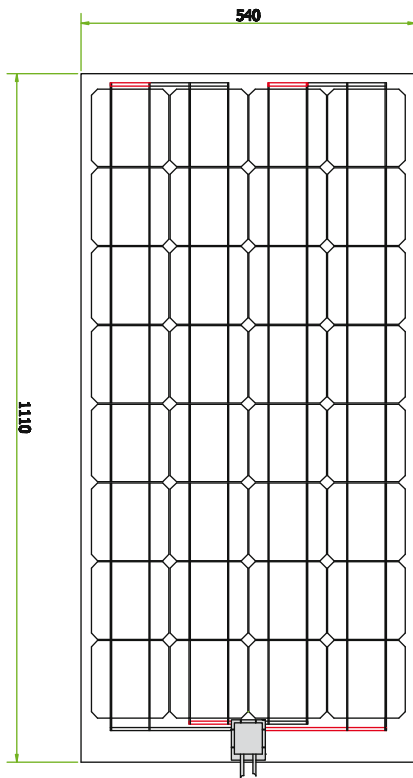
FLEXIBLE
PHOTOVOLTAIC
PANELS

FLEX **SL80-L**



The **PANELS SOLBIANFLEX** of series Solar Light are made with crystalline cells with **efficiency greater than 16,5%** embedded in polymers with high-resilience technology developed in collaboration with **CNR of Parma**. These materials make the panels flexible, walkables with a weight of about 1 / 8 compared to traditional glass panels. Their specific technologies makes them **particularly resistant to the marine environment** and therefore suitable for application in the marine industry.





Sp. 1,5

CONNECTION AND FIXING OPTIONS


CONNECTION: JUNCTION BOX



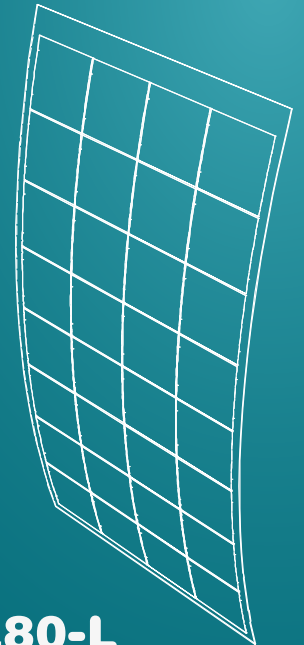
CONNECTION: SOLDERING RIBBON



FIXING: DOUBLE SIDED TAPE



FIXING: METAL HOLE


FLEX SL80-L
DATASHEET
PHYSICAL CHARACTERISTICS

Length	1110 mm
Height	540 mm
Thickness	1,5 mm
Weight	1,5 kg

ELECTRICAL CHARACTERISTICS

Vmp (max power voltage)	16,64 V
Imp (Max power current)	4,87 A
Wp (peak power at stc)	80,98 W
Voc (Open circuit voltage)	20 V
Isc (short circuit current)	5,2 I
Efficiency (module)	14%
Power Tolerance	+/- 5%

The **PANELS SOLBIANFLEX** of series Solar Light are the product of experience installing PV systems on many racing boats of the greatest navigators including:

- ✓ Class 40 "Telecom Italia" of **Giovanni Soldini**
- ✓ 60' Open IMOCA "Safran" of **Marc Guillemot**
- ✓ 60' Open IMOCA "Cervin EnR" of **Yannick Bestaven**

And many others that are sailing the world from the equator to the poles.

SOLBIAN ENERGIE ALTERNATIVE SRL

Legal and Operative Headquarter: Via Caselette, km.16.200 - 10091 Alpignano (TO) - Phone: +39 011.966.35.12 - Fax: +39 011.966.47.20 - commerciale@solbian.eu
 Office in Avigliana: Viale dei Mareschi, 15 - 10051 Avigliana (TO) - ITALY - Phone: +39 011.932.56.66 - Fax: +39 011.932.56.64 - info@solbian.eu