

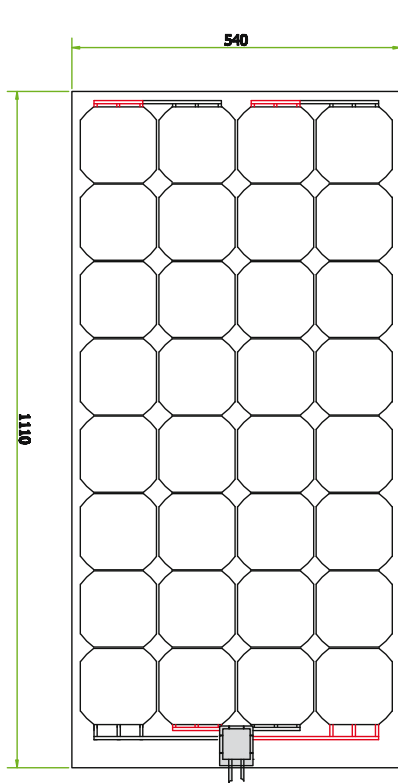
# SOLBIANFLEX™

FLEXIBLE  
PHOTOVOLTAIC  
PANELS

## FLEX SP100-L



The **PANELS SOLBIANFLEX** of series Sun Power are made with crystalline cells with **efficiency greater than 22,5%** 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



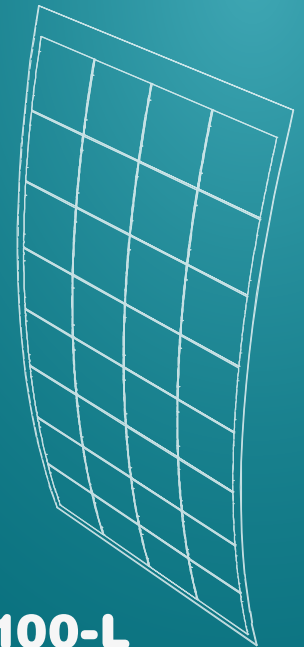
CONNECTION: SOLDERING RIBBON



FIXING: DOUBLE SIDED TAPE



FIXING: METAL HOLE


**FLEX SP100-L**
**DATASHEET**
**PHYSICAL CHARACTERISTICS**

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

**ELECTRICAL CHARACTERISTICS**

Vmp (max power voltage)	18,40 V
Imp (Max power current)	5,51 A
Wp (peak power at stc)	101,39 W
Voc (Open circuit voltage)	21,76 V
Isc (short circuit current)	5,85 I
Efficiency (module)	17,53%
Max bending	25%

The **PANELS SOLBIANFLEX** of series Sun Power 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**

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