

SOLBIANFLEX™

FLEXIBLE
PHOTOVOLTAIC
PANELS

FLEX SL40-Q



The flexible photovoltaic panels of **SL series** are made using monocrystalline cells, with an **efficiency greater than 18%**, incorporated in **polymers with high strenght**.

These materials make the panels flexible, walkable with a weight of about 1/6 compared to the traditional glass panels. Their specific technologies makes them particularly resistant to the marine environment and therefore suitable for application in the marine industry.

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

- ✓ Maserati "VOR 70" of **Giovanni Soldini**
- ✓ 60' Open IMOCA "Safran" of **Marc Guillemot**
- ✓ 60' Open IMOCA "Cervin EnR" of **Yannick Bestaven**
- ✓ "Team Plastique" of **Alessandro di Benedetto**

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

MADE IN ITALY

SOLBIAN.EU

SOLBIAN



CONNECTION AND FIXING OPTIONS



CONNECTION: JUNCTION BOX



CONNECTION: SOLDERING RIBBON



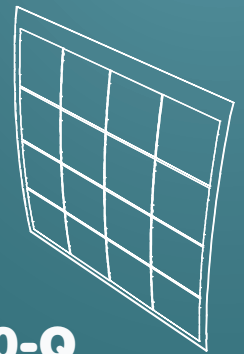
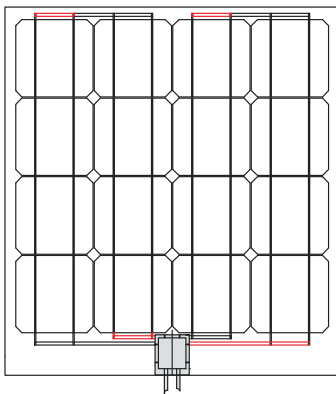
FIXING: DOUBLE SIDED TAPE



FIXING: METAL HOLE



FIXING: ZIPPER



FLEX SL40-Q

DATASHEET

ELECTRICAL CHARACTERISTICS

Peak Power (+/- 5%) - Pmax	40 W
Rated Voltage - Vmp	8.0 V
Rated Current - Imp	5.0 A
Open Circuit Voltage - Voc	10.0 V
Short Circuit Current - Isc	5.5 A
Temp. coeff. Pmax	-0.44%/°C
Temp. coeff. Voc	-0.33%/°C
Temp. coeff. Isc	0.05%/°C

PHYSICAL CHARACTERISTICS

Length	595 mm
Width	550 mm
Thickness	2 mm
Weight	0.8 kg
Num. of cells	16

WARRANTIES

- ✓ **5 year** limited power warranty
- ✓ **2 year** limited product warranty

SOLBIAN ENERGIE ALTERNATIVE SRL

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