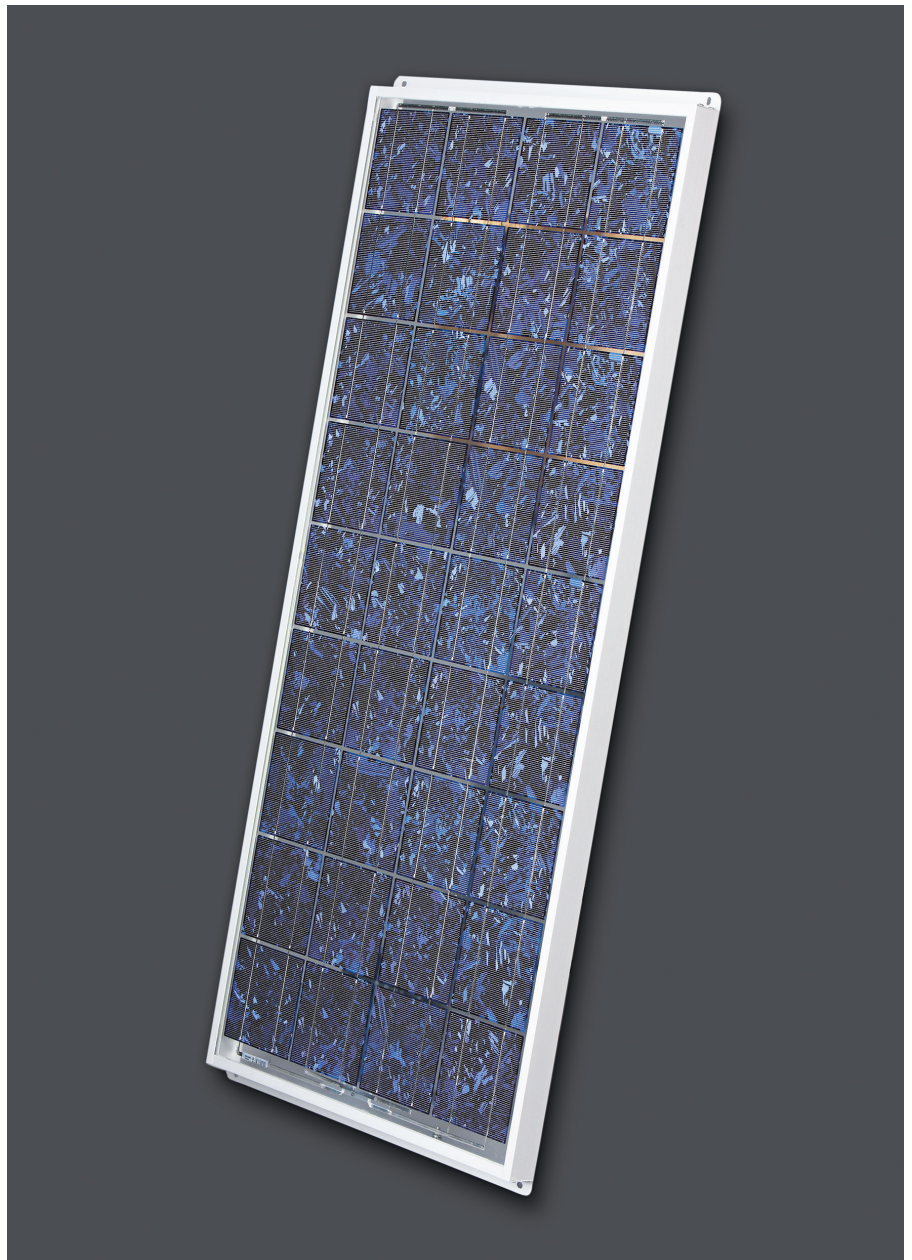


STSM 95EX

Solar Module 95W

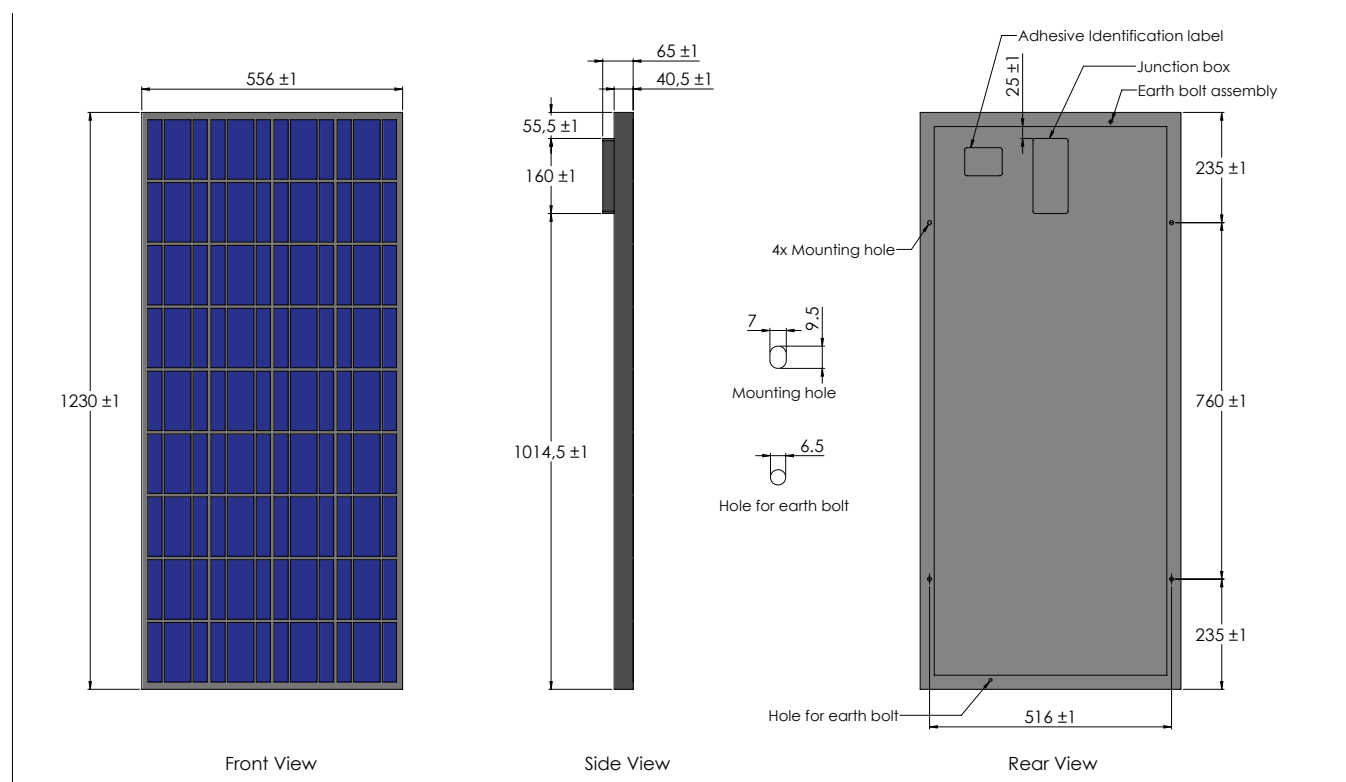
STSM 95EX is a solar module designed for hazardous areas. The solar cells are embedded in UV stabilised ethyl vinyl acetate and encapsulated between 2 highly transparent sheets of tempered glass. This guarantees a good protection in harsh marine conditions including hurricanes, snow and ice.

- **Equipped with a robust anodised frame**
- **ATEX category Zone 1**
- **Glass fibre reinforced Exe polyester junction box on the back of the panel**
- **Two M25 cable glands for cables with max. diameter of 18mm**
- **Contains 36 polycrystalline silicon solar cells in serial connection**
- **Built-in bypass diodes to prevent hotspot situations**





Ex junction box
at the back



Main Technical Specification

Nominal peak power (Pmpp)	95 W
Minimum power (Pmpp min)	92.5 W
Nominal voltage	12 V
Voltage at nominal power (Vmpp)	18.1 V
Current at nominal power (Impp)	5.3 A
Open circuit voltage (Voc)	22.5 V
Short circuit power (Isc)	5.65 A
Maximum system voltage	50 V
Temperature range	-20° ... +55°C
Weight	10 kg
Dimension (LxWxD)	1230 x 556 x 65 mm
Ex Zones	Zone 1
Ex approval	EX II 2 G Ex emb II T4
Certificates	06ATEX0020X

* Technical details subject to change