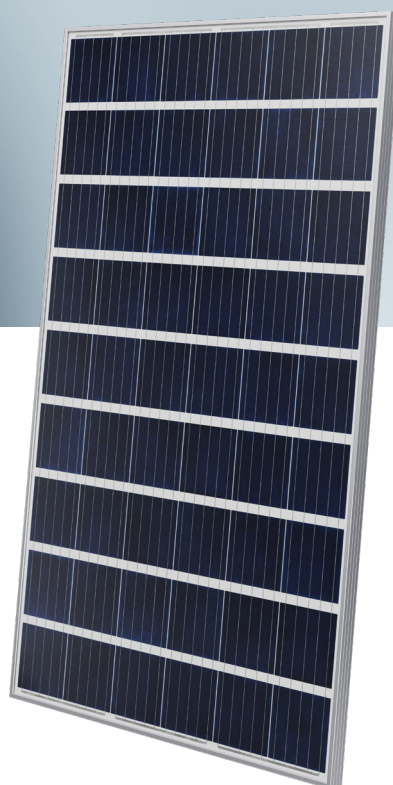


SG250P

S Series – 250 W

54 cells
POLY



Made in Italy module

Manufactured in **our production factory**



Anti-reflective glass

Maximum efficiency and high performance



Compact and sturdy frame

Anchorable also on the short side ⁽⁵⁾



Module fire performance:

Class 1



30 years

Linear power warranty

30 years

Product warranty



QBE Insurance

QBE Product Liability Insurance

QBE is a global leader in the insurance sector, offering comprehensive solutions for business risk management. With a worldwide network, it protects clients against a wide range of risks and provides flexible insurance solutions tailored to various industries, including the energy sector.

Electrical Characteristics (STC) ⁽¹⁾

Nominal Output (Pmax)	250 W
Sorting Tolerance	0/+5 W
Voltage at Pmax (Vmp)	28,33 V
Current at Pmax (Imp)	8,82 A
Open Circuit Voltage (Voc)	34,86 V
Short Circuit Current (Isc)	9,32 A
Maximum System Voltage	1500 V
Maximum Series Fuse Rating	15 A
Module Efficiency	15,37%
Protection class against electric shock	Class II

1. STC: (Standard Test Condition) Irradiance 1000 W/m²; Module Temperature 25 °C; Air Mass 1,5

Mechanical Characteristics

Solar Cells	54 (6 x 9) polycrystalline
Solar Cells Size	156,75 x 156,75 mm / 6,17 x 6,17"
Front Cover	3,2 mm / 0,13" thick, low iron tempered glass
Back Cover	TPT (Tedlar-PET-Tedlar)
Encapsulant	EVA (Ethylene vinyl acetate)
Frame	Anodized aluminium alloy, double wall
Frame finishing	Silver
Backsheet finishing	White
Diodes	3 Bypass diodes serviceable
Junction Box	IP67 rated
Connector	MC4 or compatible connector
Cables Length	900 mm / 35,43"
Cables Section	4,0 mm ² / 0,006 in ²
Dimensions	1640 x 992 x 40 mm / 64,5 x 39 x 1,57"
Weight	18 kg / 39,7 lbs
Max Load (Test Load) - SF	5400 Pa - 1,5 ⁽⁴⁾

4. Consult the installation manual for the relative mounting configurations

Temperature Characteristics

NMOT ⁽²⁾	45±2 °C
Temperature Coefficient of Pmax	-0,39 %/°C
Temperature Coefficient of Voc	-0,28 %/°C
Temperature Coefficient of Isc	0,042 %/°C
Operating Temperature	-40 °C ~ +85 °C

2. NMOT: Nominal Module Operating Temperature: Irradiance 800 W/m²; Air 20 °C; Wind speed 1 m/s

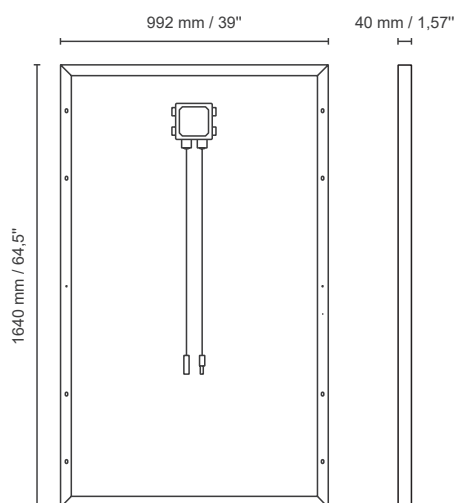
Packaging ⁽³⁾

Pallet dimensions	1700 x 1200 x 1200 mm / 66,93 x 47,24 x 47,24"
Pieces per pallet	27
Weight	516 kg / 1138 lbs

3. Pallets can be stacked up to two

Certifications

Fire Resistance Rating	Class of reaction to fire: 1 (UNI 9177)
Product Certificate	IEC 61215, IEC 61730

Dimensions**Current/Voltage Characteristics**