

## SE2403BP0 Classic

### SolarEst Classic series of Polycrystalline Solar Modules

Most advanced know-how combined with precision, innovation and solid workmanship:

– these are the characteristics of the SolarEst in Estonia. SolarEst has established itself as a supplier of high performance solar modules. State-of-the-art manufacturing facilities and strict quality management across the entire process chain are keys to the highest level of quality in our modules.

#### The Highlights:

- Manufactured in Estonia with German quality equipment
- Produced according to the best known technology
- Free recycling (PV Cycle)
- 12 year product guarantee
- 25 year achievement guarantee
- System for micro electricity manufacturer.





## SE603BP0 Classic

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#### Basic Data:

Dimensions: (L) 1640 mm x (B) 992 mm x (T) 45 mm, Weight: 20,5 kg. Number of cells: 60. Cell size 156 x 156 mm. Cell material polycrystalline Si. Front cover solar glass. Backside-TPT-film polymer. Frame material aluminium. Connector type MC4 compatible. Bypass diodes 3...4.

Manufactured and tested according to IEC standard 61215 and Din 61730. Climate neutral prepared.

**12 years product guarantee.**

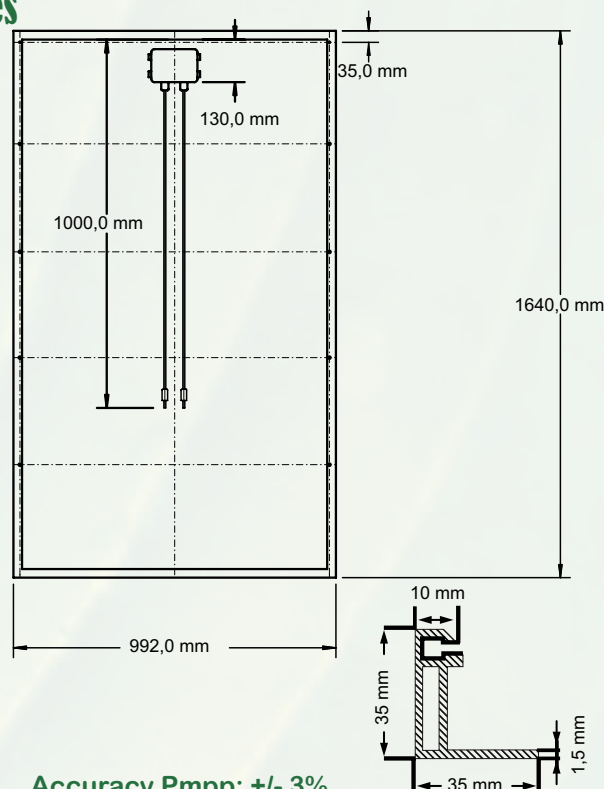
Electric Data	SE603BP0 235	SE603BP0 240	SE603BP0 245	SE603BP0 250
Rated output P <sub>mpp</sub>	235 W	240 W	245 W	250 W
Rated current I <sub>mpp</sub>	7,94 A	8,06 A	8,18 A	8,30 A
Rated voltage U <sub>mpp</sub>	29,59 V	29,78 V	29,95 V	30,12 V
Short circuit current I <sub>sc</sub>	8,80 A	8,78 A	8,90 A	9,02 A
Open circuit voltage U <sub>oc</sub>	36,70 V	36,85 V	36,95 V	37,10 V
Efficiency	14,39 %	14,69 %	15,00 %	15,30 %
Sorting	+4,99 / 0 W	+4,99 / 0 W	+4,99 / 0 W	+4,99 / 0 W
Maximum voltage	1000 V	1000 V	1000 V	1000 V

#### Temperature coefficient

Short circuit current (I <sub>sc</sub> )	+ 2,57 (mA/K)
Open circuit voltage (U <sub>oc</sub> )	- 121,20 (mV/K)
Power Rating x (P <sub>mpp</sub> )	- 0,390 (%/K)

#### Load

Mechanically	5.400 Pa
Reverse current	IR 15 A



**Accuracy P<sub>mpp</sub>: +/- 3%**

**Accuracy of other el. data: +/- 10%**

Continuous research and development plays a major role in opening up new possibilities in the manufacturing of solar modules. At SolarEst, we consider it our job to be a pacemaker in this process. For this reason, the data and measurements given in this product data sheet can be subject to change at short notice. No legal claims may be derived from the contents of these product data sheets. SolarEst assumes no liability for the usage of the information contained therein or for any consequences resulting there from.

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