

# Mono-crystalline Solar Module

## Engcotec SRE 225

<b>Power</b>	<b>SRE 225-210</b>	<b>210 Wp</b>
	<b>SRE 225-215</b>	<b>215 Wp</b>
	<b>SRE 225-220</b>	<b>220 Wp</b>
	<b>SRE 225-225</b>	<b>225 Wp</b>



- High efficiency mono-crystalline solar cells: 156mm x 156mm, with silicon nitride anti-reflection coating
- Rated power: -0% - +3%
- Assembled with Multi-Contact plugs MC type 4
- Robust double aluminium profile
- Simple and cost-saving installation
- IP 65 Junction Box with 3 built-in bypass diodes (10SQ050)
- Tempered low iron glass for better impact resistance and better light transmission
- Performance warranty:
  - 10 years on 90% of peak power
  - 25 years on 80% of peak power
- Product guarantee: 5 years

### Certifications

High quality standards proofed by the following certifications:

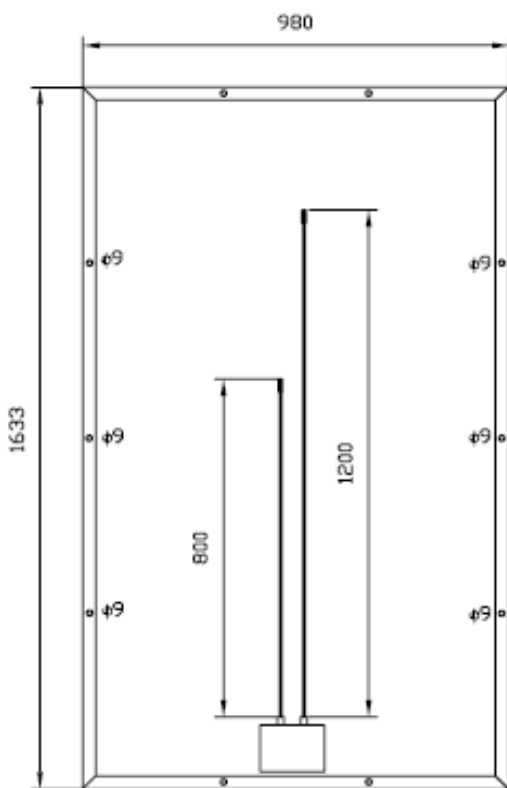
- TÜV, CE, UL
- IEC61215 - Edition2
- Safety clause II

### Engcotec SRE 225

Engcotec solar modules are designed and constructed to provide high performance and reliability. We constantly improve our products to ensure product performance and reliability. The mono-crystalline cells lie behind hardened-glass glazing and are embedded in transparent EVA (ethylene-vinyl-acetate).

## Engcotec Solar module SRE 225 - Data Sheet

Electrical Data	225 Wp	220 Wp	215 Wp	210 Wp
Max. Power $P_{MPP}$	225 Wp	220 Wp	215 Wp	210 Wp
Voltage at max. power point $V_{MPP}$	29,3 V	29,2 V	29,1 V	29,0 V
Current at max. power point $I_{MPP}$	7,69 A	7,55 A	7,40 A	7,25 A
Open-circuit voltage $V_{OC}$	36,50 V	32,85 V	32,70 V	32,70 V
Short-circuit current $I_{SC}$	8,23 A	8,13 A	8,03 A	7,93 A



### Dimensions and weights

Dimensions (L x W x H)	1633 x 980 x 42 mm
Weight	approx. 24.0 kg

### Characteristic data

Solar cells per module	60
Type of solar cell	mono-crystalline
Dimensions of cell	156 x 156 mm
Connections	MC-Typ 4
Length of cables	80 and 120 cm
NOCT	47 °C

### Limit values

Max. system voltage	1000 V, Safety II
Tested wind resistance	200 km/h
Operating module temperature	-45°C - +95°C

### Cell temperature coefficients

Voltage temperature coefficient, $TK_{VOC}$	- 0,34 % / °C
Current temperature coefficient, $TK_{Isc}$	0.09 % / °C
Power temperature coefficient, $TK_{Pmax}$	-0.37 % / °C

### Certifications

TÜV, CE, UL, IEC61215	
Edition2, IEC61730	
Safety clause II	

**Certified  
Quality –**

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