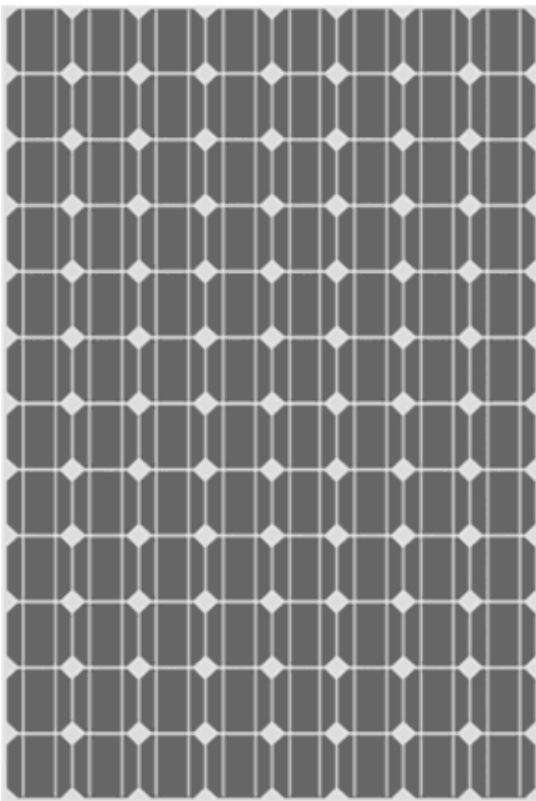


Mono-crystalline Solar Module

Engcotec EJT210 with 210 Wp

Engcotec EJT220 with 220 Wp

Engcotec EJT230 with 230 Wp



- High-efficiency mono-crystalline silicon cells (125 x 125 mm)
- Manufacturer's power tolerance: -0% to +3%
- Ready-made with MultiContact plugs
- Corrosion-resistant, double-layered aluminium frame
- Simple, cost-saving assembly
- Robust, flat junction box
- Tempered low-iron glass for better light transmission
- Manufacturer's power warranty:
12 years on 90% of nominal power
25 years on 80% of nominal power
- Manufacturer's product guarantee: 5 years.

Certificates

High quality standards proofed by the following certificates:

- TÜV IEC 61215.2
- TÜV Schutzklasse II
- VDE IEC 61215
- VDE IEC 61730

Engcotec EJT210 / EJT220 / EJT230

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 a hardened-glass glazing and are embedded in transparent EVA (ethylenevinyl-acetate).

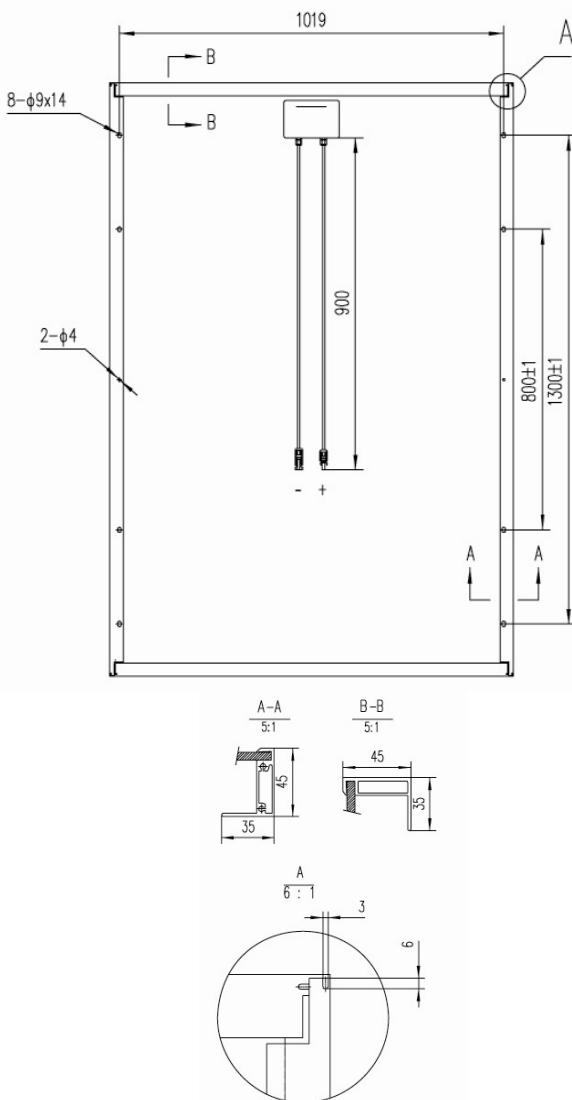


Engcotec

Engco Advanced Technology GmbH

Data Sheet Solar Module Engcotec EJT210 / EJT220 / EJT230

Electrical Data	EJT210	EJT220	EJT230
Max. Power P_{MPP}	210 W	220 W	230 W
Voltage at maximum power point V_{MPP}	48.1 V	48.5 V	49.2 V
Current at maximum power point I_{MPP}	4.37 A	4.54 A	4.67 A
Open-circuit voltage V_{OC}	58.3 V	58.6 V	59.0 V
Short-circuit current I_{SC}	4.91 A	4.93 A	5.03 A



Mechanical Data

Dimensions (L x W x H)	1580 x 1069 x 45 mm
Weight	25 kg

Characteristic Data

Cells per module	96 (8 x 12)
Cell type	mono-crystalline
Cell dimensions	125 x 125 mm
Connections	Ready-made with MultiContact plugs
Cable lengths	90 cm
NOCT	47±2°C

Limit Values

Max. system voltage	1000 V
Tested wind resistance	200 km/h
Operating temperature	-40°C - +85°C

Cell Temperature Coefficients

Open-circuit voltage $T_k(U_{OC})$	-0.34% / °C
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Certificates

VDE IEC 61215.2	TÜV IEC 61215.2
VDE IEC 61730	TÜV Schutzklasse II



IEC61215.2
IEC61730



IEC61215.2
Safe Class 2



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Engcotec reserves the right to make specification changes. No responsibility is taken for this information. 02/2010

Certified Quality - Engcotec Stuttgart