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Solar Panel Guide Specification Data Sheet

Engcotec GmbH

TP572M 195-210

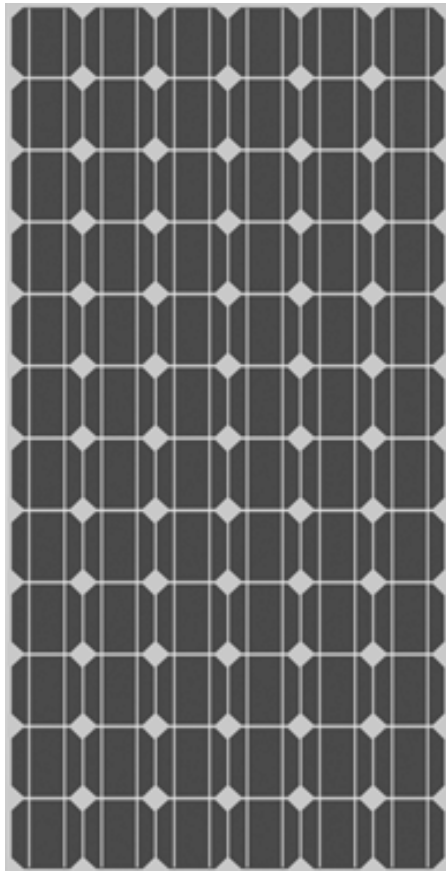
TP572M-195

Also available on the web at
EnergyPal.com/engcotec-gmbh-solar-panels/tp572m-195

Mono-crystalline Solar Module

Engcotec TP572M-195/200/205/210

Power:	TP572M-195	195 Wp	TP572M-205	205 Wp
	TP572M-200	200 Wp	TP572M-210	210 Wp



- High efficiency mono-crystalline solar cells 125 x 125 mm, with silicon
- Manufacturer rated power: $\pm 5\%$
- 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 by-pass diodes (10SQ050)
- Tempered low iron glass for better impact resistance and better light transmission
- Manufacturer's linear performance warranty
25 years product guarantee 10 years with irredeemable policy period
10 years on 90% of peak power
25 years on 80% of peak power

Certifications

High quality standards proofed by the following certifications:

- TÜV, CE
- VDE IEC 61215
- VDE IEC 61730
- UL 1703I

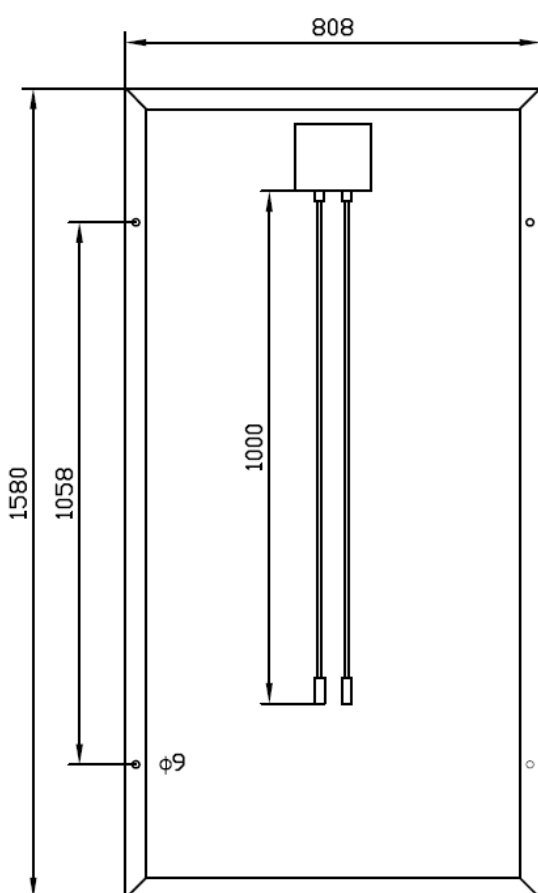
Engcotec TP572M-195/200/205/210

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).

Data Sheet Solar Module Engcotec TP572M-195/200/205/210

Electrical Data	TP572M-195	TP572M-200	TP572M-205	TP572M-210
Max. Power P_{MPP}	195 W	200 W	205 W	210 W
Voltage at max. power point U_{MPP}	37.0 V	37.6 V	37.9 V	38.0 V
Current at max. power point I_{MPP}	5.28 A	5.32 A	5.41 A	5.53 A
Open-circuit voltage U_{OC}	45.1 V	45.3 V	45.5 V	45.8 V
Short-circuit current I_{SC}	5.63 A	5.72 A	5.79 A	5.83 A



Dimensions and weights

Dimensions (L x W x H)	1580 x 808 x 40 mm
Weight	approx. 15.35 kg

Characteristic data

Solar cells per module	72
Type of solar cell	mono-crystalline
Dimensions of cell	125 x 125 mm
Connections	assembled with Multi-Contact-Plugs
Length of cables	1000 mm
NOCT	46 +2°C

Limit values

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

Cell temperature coefficients

P_m	-0.470%/C
I_{sc}	+0.036%/C
Open-circuit voltage (U_{OC})	-152mv/C

Certifications

VDE IEC 61215	VDE IEC 61730
ISO 9002	UL 1703



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Engcotec reserves the right to make specification changes. No responsibility is taken for this information. 01/2012