

SOLAR MODULES POLYCRYSTALLINE

Trina TSM-210PC05, TSM-220PC05



PRODUCT ADVANTAGES:

Applicable for grid connection systems

Power warranties*

- 25 years (80 %)
 - 12 years (90 %)
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5 years product guarantee*

Power tolerance $\pm 3\%$

IEC 61215 tested and certified

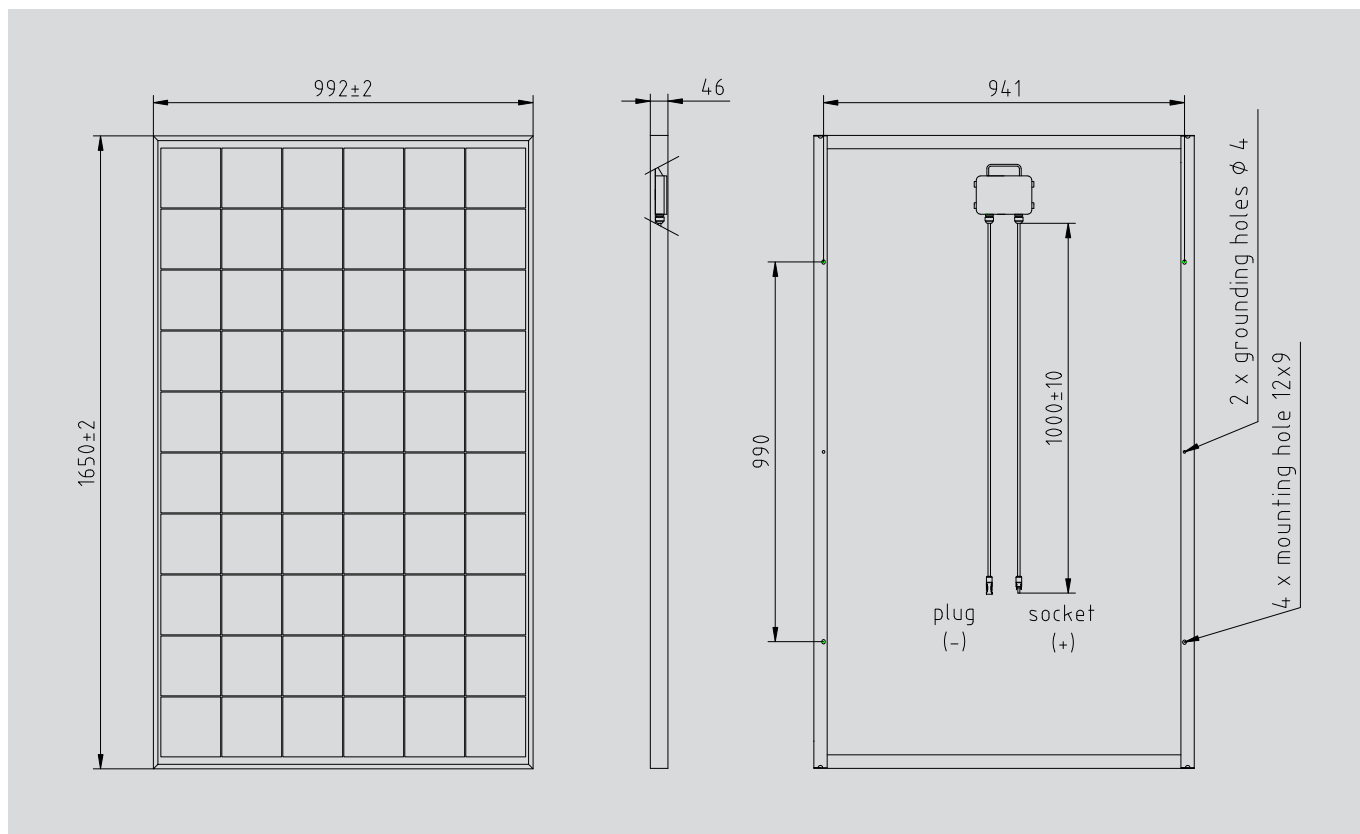
IEC 61730, Application Class A for a system voltage up to 1000 V

Fast and inexpensive mounting:

- Delivered ready for connection
 - Pre-confectioned cables
 - Multi-Contact plug-in connectors
 - Integrated bypass diodes
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60 polycrystalline cells (156 mm x 156 mm) configured geometrically for a 6 x 10 matrix connected in series

100 % end control with individual registration of the electrical characteristics



Dimensioned drawing Trina TSM-210PC05, TSM-220PC05

TECHNICAL DATA

Trina		TSM-210PC05	TSM-220PC05
Nominal peak power P_{max}	Wp	210.0	220.0
Guaranteed minimum power	Wp	203.7	213.4
Nennspannung U_{mpp}	V	29.2	29.8
Nominal voltage I_{mpp}	A	7.19	7.39
Open circuit voltage U_{oc}	V	36.4	36.8
Short-circuit voltage I_{sc}	A	7.86	8.00
Temperature coefficient of I_{sc}	%/°C	+0.05	+0.05
Temperature coefficient of U_{oc}	mV/°C	-127	-128
Temperature coefficient of P_{mpp}	%/°C	-0.45	-0.45
Length	mm	1650	1650
Width	mm	992	992
Height	mm	46	46
Weight	kg	19.5	19.5
Mounting holes	Pieces	4	4
Article numbers		220180210	220180220

* The complete and individual valid guarantee conditions are relevant, which will be handed out by your IBC-representative on request.

Electrical values under standard test conditions: 1000 W/m²; 25 °C; AM 1.5.
Subject to modifications that represent progress.

07-2008