

MONOCRYSTALLINE SOLAR MODULES

Trina TSM-160D, TSM-165D, TSM-170D



PRODUCT ADVANTAGES:

Suitable for grid supply and 24V stand-alone systems

Performance warranty*

- 25 years (80 %)
 - 10 years (90 %)
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5-year product warranty*

Performance tolerance $\pm 3\%$

IEC 61215 tested and certified

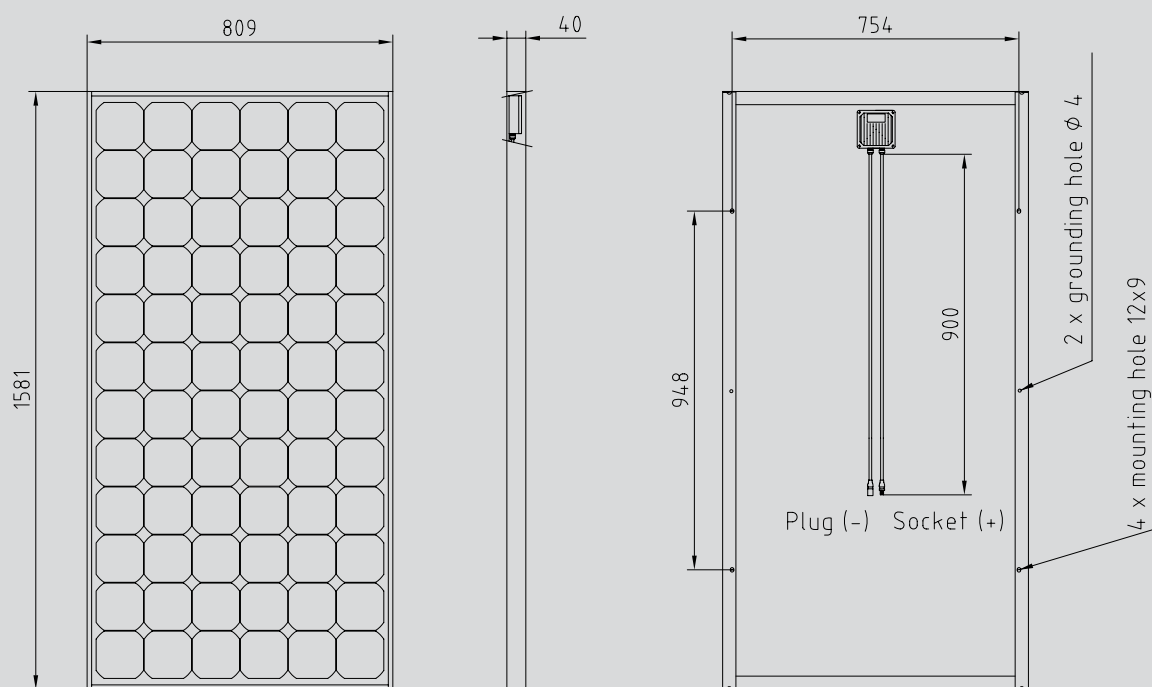
Protection class II for systems up to 715 V

Quick, reasonably priced installation:

- Delivered ready for connection
 - Prefabricated cables
 - Plug connectors
 - Integrated bypass diodes
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72 monocrystalline cells (125 mm x 125 mm) connected in series;
six rows of twelve

100 % final check with an individual record of the electrical
parameters for each module



Scale drawing Trina TSM-160D, TSM-165D, TSM-170D

TECHNICAL DATA

Trina		TSM-160D	TSM-165D	TSM-170D
Rated output	Wp	160	165	170
Guaranteed minimum output	Wp	155.2	160.1	164.9
Nominal voltage	V	34.90	35.60	35.80
Nominal current	A	4.60	4.65	4.76
Open circuit voltage	V	42.80	43.20	43.60
Short circuit current	A	5.15	5.20	5.25
Temperature coefficient of I_{sc}	%/K	0.06	0.06	0.06
Temperature coefficient of U_{oc}	mV/K	-155	-155	-155
Temperature coefficient of P_{max}	%/K	-0.48	-0.48	-0.48
Length	mm	1581	1581	1581
Width	mm	809	809	809
Height	mm	40	40	40
Weight	kg	15.6	15.6	15.6
Mounting holes Ø 8 mm	Pieces	4	4	4
Article numbers		200180160	200180165	200180170

* 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. Electrical power values +10 % ... -5 %.
Other electrical values ±10%.
Subject to modifications that represent progress.

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