

SOLAR MODULES

Monocrystalline

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



applicable for grid connection and
24-Volt stand-alone system

power warranties*
=> 25 years (80%)
=> 10 years (90%)

5 years product guarantee*

power tolerance $\pm 3\%$

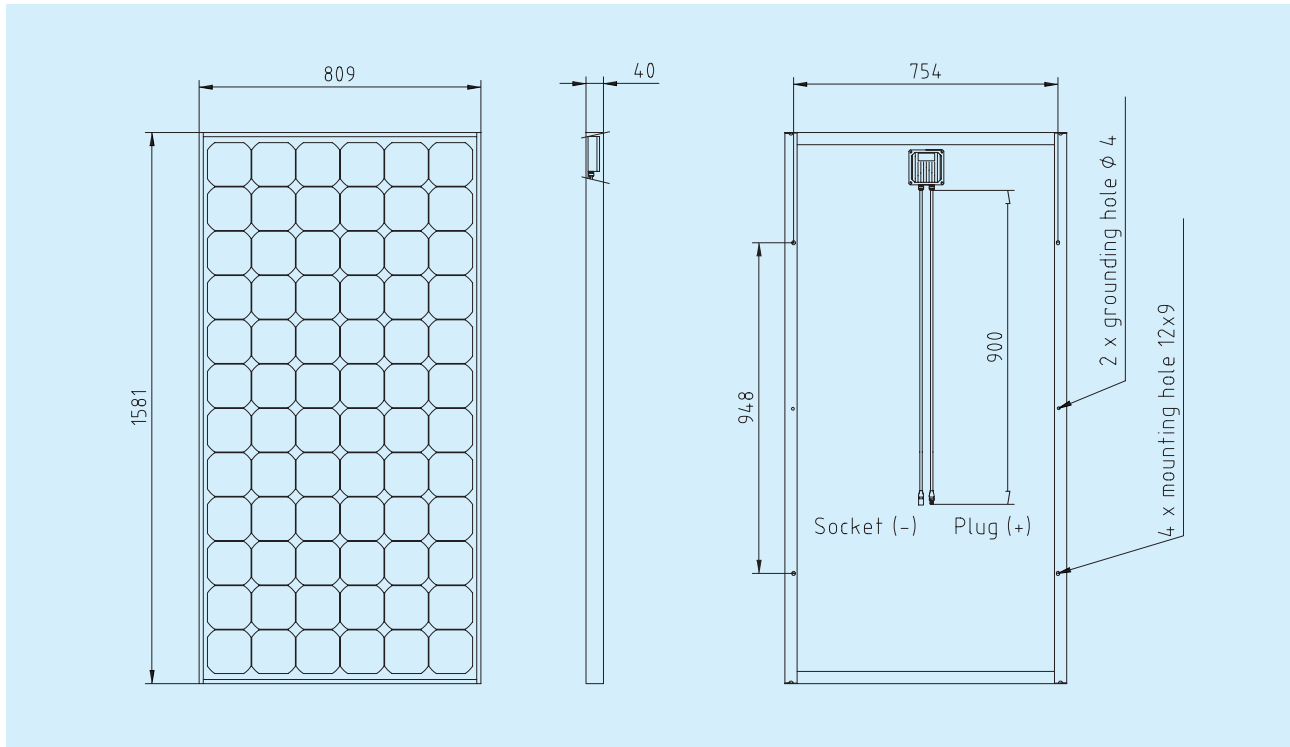
IEC 61215 tested and certified

safety class II up to 715 V system voltage

fast and inexpensive mounting:
=> delivered ready for connection
=> pre-connection cables
=> plug-in connectors
=> Integrated bypass diodes

72 monocrystalline cells
(125mm x 125mm) configured
geometrically for a 6 x 12 matrix
connected in series

100% end control with individual
registration of the electrical
characteristics



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

Technical Data

		TSM-160D	TSM-165D	TSM-170D
nominal peak power	Wp	160	165	170
guaranteed minimum power	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 I_{sc}	%/K	0,06	0,06	0,06
temperature coefficient U_{oc}	mV/K	-155	-155	-155
temperature coefficient 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 $\varnothing 12 \times 9$ mm	pieces	4	4	4
article numbers		200180160	200180165	200180170

Electrical values under standard test conditions: 1000 W/m²; 25°C; AM 1,5.

Subject to modifications that represent progress.

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