

SOLAR MODULES – POLYCRYSTALLINE

Suntech Power STP040-12/Rb, STP065-12/Sb, STP085-12/Bb



PRODUCT ADVANTAGES:

Applicable for stand-alone systems

Power warranties*

■ 25 years (80 %)

■ 12 years (90 %)

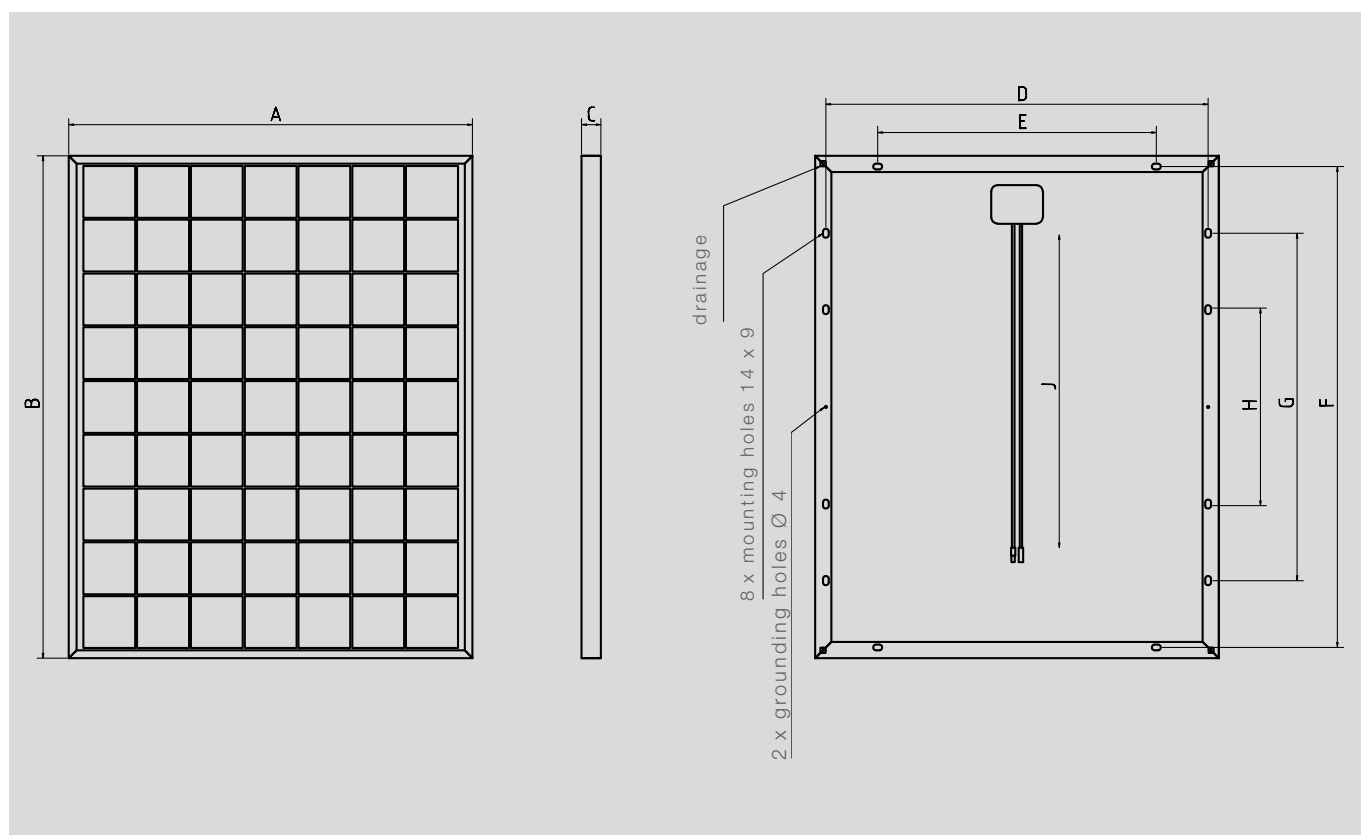
5 years product guarantee*

Power tolerance $\pm 5\%$

IEC 61215 tested and certified (projected)

IEC 61730, Application Class A for a system voltage up to 715 V (projected)

100 % end control with individual registration of the electrical characteristics



Dimensioned drawing Suntech Power STP040-12/Rb, STP065-12/Sb, STP085-12/Bb, drawing can differ in parts

DIMENSIONS

STP		040-12/Rb	065-12/Sb	085-12/Bb
A	mm	665.0	665.0	541.0
B	mm	537.0	771.0	1195.0
C	mm	30.0	30.0	30.0
D	mm	632.0	632.0	508.0
E	mm	430.0	430.0	–
F	mm	504.0	738.0	–
G	mm	302.0	536.0	960.0
H	mm	–	–	660.0
J	mm	3000.0	750.0	750.0
Plug connector		–	MC	MC

TECHNICAL DATA

STP		040-12/Rb	065-12/Sb	085-12/Bb
Nominal peak power	Wp	40	65	85
Guaranteed minimum power	Wp	38.0	61.7	80.7
Nominal voltage	V	17.4	17.6	17.8
Nominal current	A	2.3	4.11	4.78
Open circuit voltage	V	21.8	21.8	22.2
Short-circuit current	A	2.58	3.65	5.11
Temperature coefficient of I_{sc}	%/K	0.05	0.05	0.04
Temperature coefficient of U_{oc}	mV/K	–75	–75	–74
Temperature coefficient of P_{max}	%/K	–0.47	–0.47	–0.45
Weight	kg	4.5	6.2	8.0
Mounting holes	Pieces	8	8	8

Article numbers	220050040	220050065	220050085
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* 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