

SOLAR MODULES – POLYCRYSTALLINE

Suntech Power STP005-12/Db, STP010-12/Kb, STP020-12/Cb



PRODUCT ADVANTAGES:

Applicable for stand-alone systems

Power warranties*

■ 25 years (80 %)

■ 12 years (90 %)

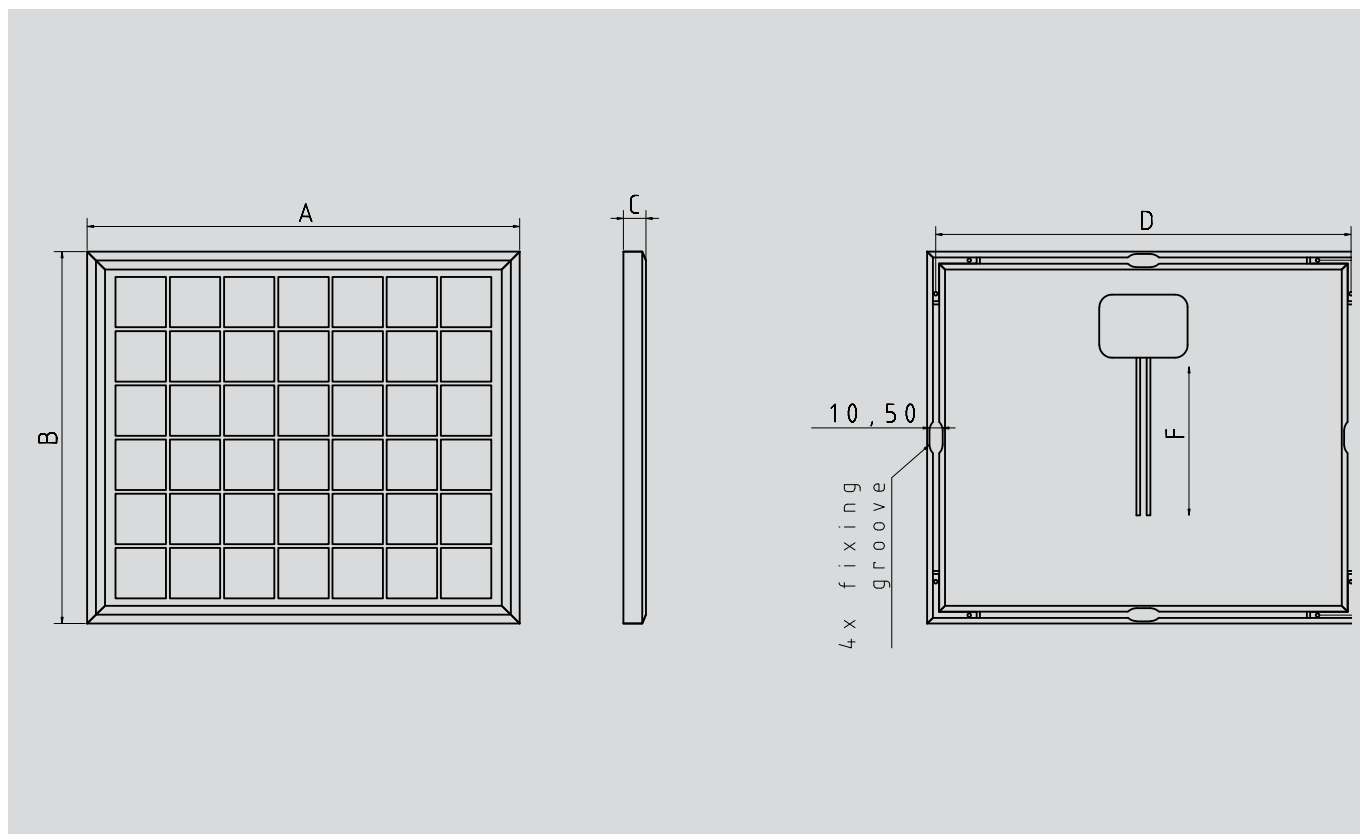
5 years product guarantee*

Power tolerance $\pm 10\%$

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 STP005-12/Db, STP010-12/Kb, STP020-12/Cb, drawing can differ in parts

DIMENSIONS

STP		005-12/Db	010-12/Kb	020-12/Cb
A	mm	306.0	368.0	306.0
B	mm	216.0	310.0	656.0
C	mm	18.0	18.0	18.0
D	mm	291.9	353.9	291.9
E	mm	201.9	295.9	641.9
F	mm	3000.0	3000.0	3000.0

TECHNICAL DATA

STP		005-12/Db	010-12/Kb	020-12/Cb
Nominal peak power	Wp	5	10	20
Guaranteed minimum power	Wp	4.5	9	18
Nominal voltage	V	17.4	17.4	17.6
Nominal current	A	0.29	0.57	1.14
Open circuit voltage	V	21.6	21.6	21.7
Short-circuit current	A	0.32	0.65	1.26
Temperature coefficient of I_{sc}	%/K	0.05	0.05	0.05
Temperature coefficient of U_{oc}	mV/K	-75	-75	-75
Temperature coefficient of P_{max}	%/K	-0.47	-0.47	-0.47
Weight	kg	0.8	1.5	2.5

Article numbers	22005005	22005010	22005040
-----------------	----------	----------	----------

* 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