

SOLAR MODULES POLYCRYSTALLINE

YINGLI YL175(23)P, YL180(23)P



PRODUCT ADVANTAGES:

Applicable for grid connection and 24 V stand-alone system

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

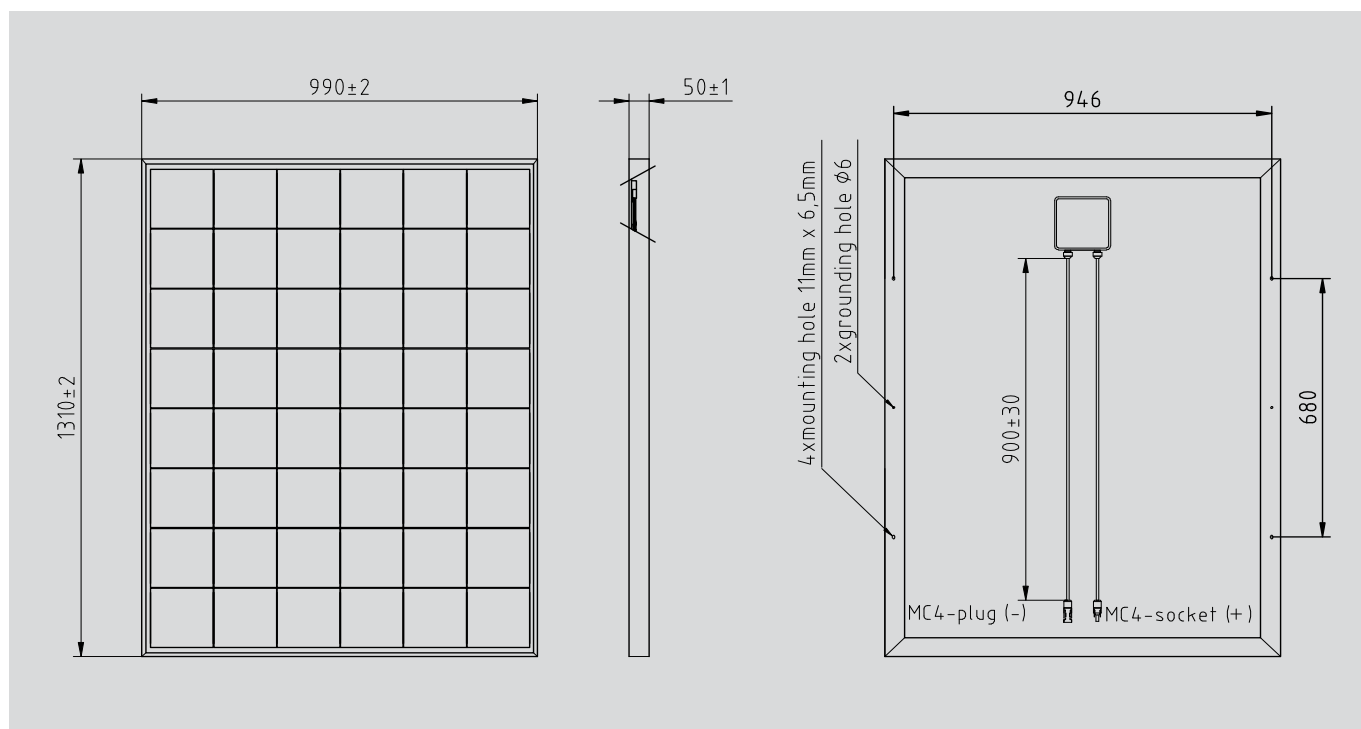
IEC 61730, Application Class A for a system voltage up to 1000 V

Fast and inexpensive mounting:

- Delivered ready for connection
 - Pre-confectioned cables
 - Multi-Contact plug-in connectors
 - Integrated bypass diodes
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48 polycrystalline cells (156 mm x 156 mm) configured geometrically for a 6 x 8 matrix connected in series

100 % end control with individual registration of the electrical characteristics



Dimensioned drawing Yingli YL175(23)P, YL180(23)P

TECHNICAL DATA

Yingli		YL175(23)P	YL180(23)P
Nominal peak power P_{max}	Wp	175.0	180.0
Guaranteed minimum power	Wp	169.75	174.6
Nominal voltage U_{mpp}	V	23.5	23.0
Nominal current I_{mpp}	A	7.50	7.80
Open circuit voltage U_{oc}	V	29.5	29.0
Short-circuit voltage I_{sc}	A	8.00	8.40
Temperature coefficient of I_{sc}	%/°C	+0.06	+0.06
Temperature coefficient of U_{oc}	mV/°C	-107	-108
Temperature coefficient of P_{mpp}	%/°C	-0.45	-0.45
Length	mm	1310	1310
Width	mm	990	990
Height	mm	50	50
Weight	kg	15.4	15.4
Mounting holes 11 x 6,5 mm	Pieces	4	4
Article numbers		220170175	220170180

* 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