

PQ-120D Photovoltaic module with DIAGON cells

An infinity of designs in one type of module



Poly-crystalline silicon solar cells with a metallic front electrode in **diagonal design*** for visible building integration.

Each solar cell can have two orientations in the module. This permits to create an infinity of attractive patterns.

The electrical characteristics remain the same for all patterns.

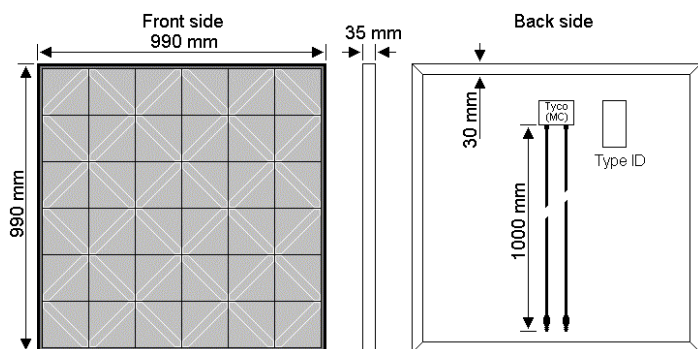
Design lines in gold, silver, copper, red.

TECHNICAL DATA

Size	990 mm x 990 mm (Laminate 982 mm x 982 mm)
Solar cells	36 pieces, poly crystalline silicon, 156 x 156 mm DIAGON*-electrode on the front side
Front side	ESG safety glass 4 mm none-reflecting surface finish
Encapsulation	Glass – EVA – black Tedlar
Frame	Aluminium anodized in black
Weight	13 kg

ELECTRICAL DATA

Connection	Tyco or MC box, 4mm ² cable
Length of cable	1000 mm
Power at STC	120 Wp Power classes from 110 to 125 Wp
Tolerance	+ -3%
Open circuit voltage	20.5 V
Short circuit current	7.9 A
Voltage at MPP	16.6 V
Current at MPP	7.23 A
System voltage	750 V
Power warranty	25 years (80% of initial power)
Product warranty	2 years
Certificate	IEC/EN 61215 Ed.2 (as of 2008/2009)



DESIGNS

Six different standard designs are available. Pattern in color of gold, silver, copper or red. But any design can be produced on request. For this purpose the design tool **PQ-Designer** for Windows can be downloaded for free at www.powerquant.com

