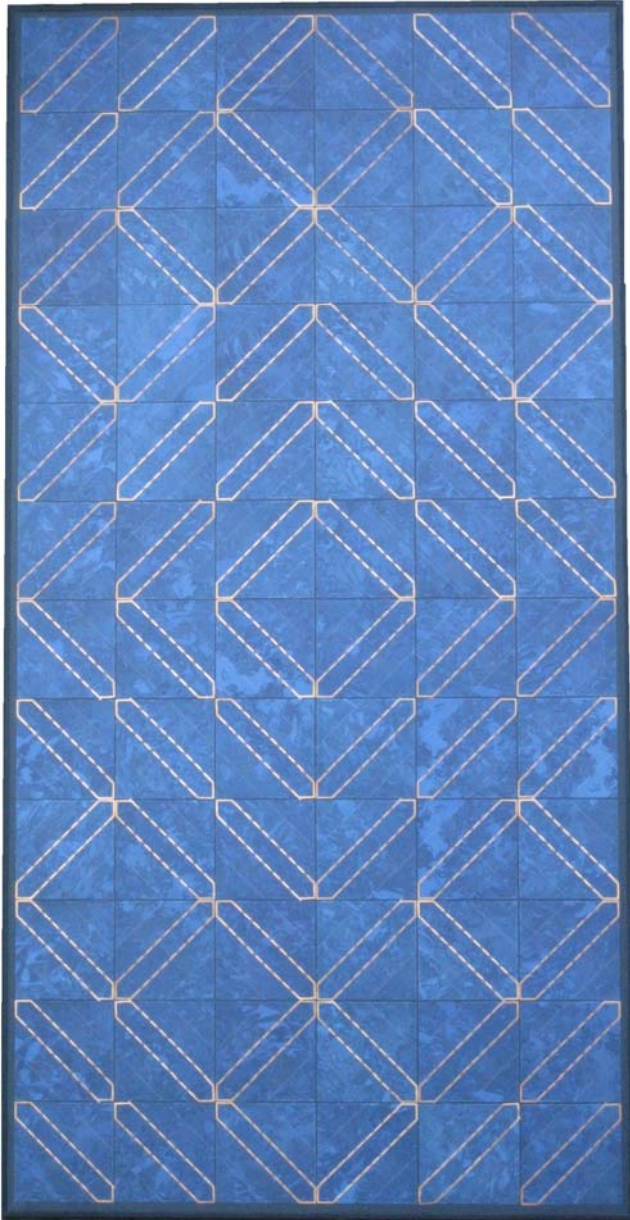


PQ-240D Photovoltaic module with design cells



PQ-240D-1

Size:

990 mm x 1938 mm
(Laminate 982 mm x 1930 mm)

Solar Cells:

72 pieces, quadratic polycrystalline silicon, 156 mm edge length

Front side:

4mm ESG low reflection white glass

Encapsulation:

Glass – EVA – black Tedlar

Frame:

Height 37 mm, anodized Aluminium
dark grey (option: no frame)

Connection:

Box with 3 diodes
4mm² cables, 100 cm, MC-plugs

Weight:

25.8 kg

Power Output:

240 Wp at STC +3%

Open circuit voltage:

40.9 V

Short circuit current:

7.8 A

Voltage at MPP:

33.1 V

Current at MPP:

7.21 A

Warranty:

25 years (80% of nominal power)

Product warranty:

2 years

System voltage:

750 V

Certificate:

IEC/EN 61215 (as of 2008)

The modules are made from Powerquant's DIAGON* silicon solar cell, which permits many different geometric designs of the module, all with the same electrical characteristics. The colour of the busbars can be copper, silver or gold.

Powerquant offers the four basic types PQ-240D-1...-4.

PQ-240D-1 is shown above.

Any desired design can be made on customer's request. The design software **PQ-Designer** (for MS-Windows) can be downloaded for free at www.powerquant.com