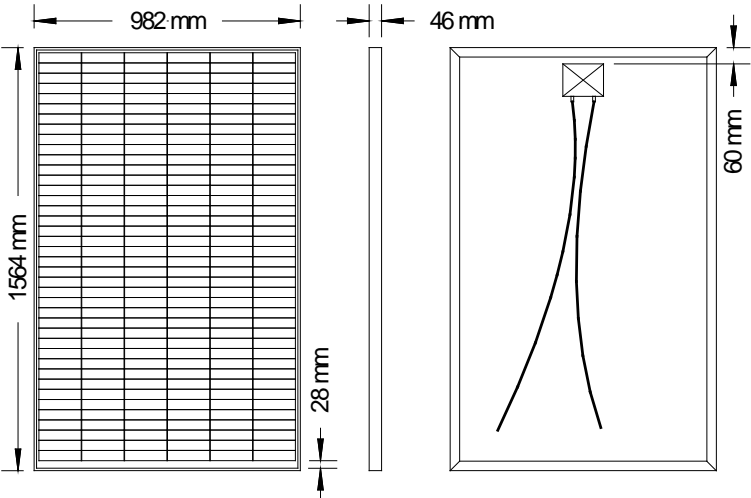




PHOTOVOLTAIC MODULE PQ-2xx-PS2

- Polycrystalline silicon solar cells with optimized rectangular format*
- Very homogeneous appearance
- More power from the same silicon area
- High stability under partial shading
- Minimum-loss cell interconnection technology
- **Power-Stream:**
Parallel connection of strings for very high current
- 4mm ESG glass, tempered
- Anti reflection surface
- 5 years product warranty
- 25 years warranty on 80% of Pmin
- Certificate IEC 61215
- Protection class II
- Special solar cells* from Falconcell
- Solar cells and module: Made in Austria

Technical data:		Dimensions:	
Solar cells:	240 Quarter-cells* made from polycrystalline silicon 156 x 39 mm		
Front side:	4mm low-iron safety glass low reflection, high transparency		
Encapsulation:	EVA		
Back side:	white Akasol or black Tedlar		
Frame:	anodized aluminium		
Frame size:	1564 x 982 x 46 mm		
Glass laminate size:	1558 x 976 x 5.2 mm		
Junction box:	Tyco IP65		
Diodes:	2 bypass diodes 15 A		
Cable:	Tyco solar cable 4 mm ²		
Cable length:	1200 mm		
Connectors:	Tyco Solarlok		
Module weight:	21 kg		
System voltage:	750 V		
Certificate:	IEC 61215, protection class II		
Product warranty:	5 years		
Power warranty:	25 years (80% of Pmin)		

Electrical data:					
Module	Power P _{mpp}	V _{mpp}	I _{mpp}	V _{oc}	I _{sc}
PQ-210-PS2	220 Wp	19.94 V	11.04 A	24.65 V	11.90 A
PQ-215-PS2	225 Wp	20.05 V	11.23 A	24.80 V	12.10 A
PQ-220-PS2	230 Wp	20.16 V	11.41 A	24.92 V	12.30 A
PQ-225-PS2	235 Wp	20.27 V	11.60 A	25.06 V	12.51 A
PQ-230-PS2	240 Wp	20.38 V	11.78 A	25.12 V	12.68 A

Measurements under Standard-Test-Conditions (STC):
1000 W/m², 25°C, AM1.5

Temperature coefficients:
 P_{mpp}: -0.43 %/°C
 V_{oc}: -0.36 %/°C
 I_{sc}: +0.06 %/°C

Tolerance of power: +3%, -2%. Tolerance of all other electrical parameters: +- 6%

We reserve the right of technical changes for the continued improvement of our products.

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