

# Data sheet

**Type of module** Glass/foil module **PST XXX GT, framed**

**Dimensions** W: 997 mm  $\pm$  3 mm x H: 1.663 mm  $\pm$  3 mm

**Thickness** 39 mm  $\pm$  1 mm (framed)

**Weight app.** 22 kg (including frame)

**Assembly** Front: 4.0mm toughened safety glass extra white, structured, EVA encapsulation of solar cells  
Rear: PET foil, white  
Frame: aluminium, silver eloxed

**Arrangement** 60 pseudo square multicrystalline solar cells 156 x 156 mm series connection of 6 strings with 10 cells each  
gap string/string: 3 mm, gap cell/cell: 3 mm

## Electrical data

Model No.	Voc (V)	Isc (A)	Pmp (W)	Vmp (V)	Imp (A)	Eff
PST 265 GT	38.71	9.31	265	29.98	8.84	15.98%
PST 260 GT	38.49	9.16	260	29.90	8.70	15.68%
PST 255 GT	38.27	9.00	255	29.82	8.55	15.38%
PST 250 GT	38.05	8.84	250	29.74	8.41	15.08%
PST 245 GT	37.83	8.69	245	29.66	8.26	14.78%

**Tolerances** + / - 3 %

**Note** The electrical data applies to standard test condition (STC)  
Irradiance at module level of 1000W/m<sup>2</sup> with spectrum AM 1.5  
and cell temperature of 25°C

**Cell temperature coefficients** power -0.42%/K  
open-circuit voltage -0.31%/K  
short-circuit current +0.05%/K

**Limits** Max. System voltage 1000 V DC

**Electr. interface** Connection box with 3 bypass diodes  
4 mm<sup>2</sup> solar cable  
Cable length: 100cm each  
Assembled with Tyco connector  
coded for plus and minus connection

**Warranty** 10 years 90%, 25 years 80% of output power  
Standard test condition (temperature of the cells: 25°C, insulation:  
1,000 W/m<sup>2</sup> and spectrum AM: 1.5).

**Qualification** Tüv-Rheinland IEC61215, IEC61730 and CE certified.

