

PFIXX SOLAR DATASHEET

IEC 61646 CERTIFIED

MODULE: PF 50

PRINCIPAL SPECIFICATIONS

configuration characteristics

Type of modul Double junction amorphous silicon

Size (without junction box) L 1,245*W 635*T 7.5 mm

Weight Approx. 14.4 kg

Front glass 3.2 mm float glass

Encapsulant Anti-water-based polymer

Back side 4.0 mm float glass

Junction box IP65



OUTDOOR EXPOSURE TEST RESULTS AND ESTIMATED DATA

Initial Nominal Power (Wip) 55-59W*

Nominal Power (Wp) 50W

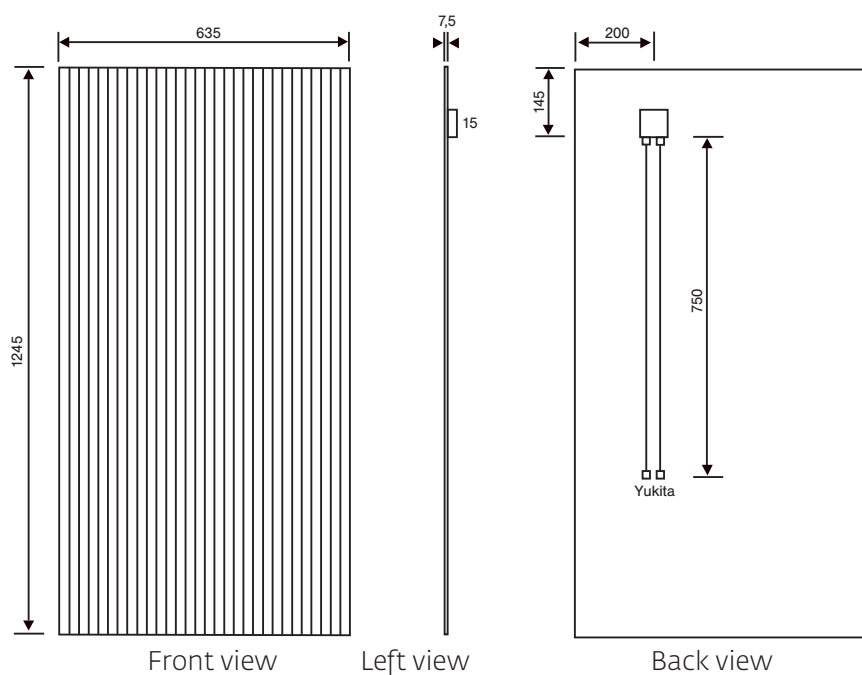


These data represent stabilized electrical module performance at standard test condition (STC-1000W/m², spectrum AM1,5, 25°C temperature)

* The initial nominal power (Wip) may be approx. 10-18% higher than the nominal power (Wp)

** Available 25 years performance warranty (90% after 10 years, 80% after 25 years)

DIMENSION



electrical characteristics

Max. DC system voltage 1000V

Maximum output power 50W

Maximum power point voltage 43V

Maximum power point current 1.17A

Open circuit voltage 62V

Short circuit current 1.42A

temperature coefficients

Maximum power point (W) -0.22%/°C

Open circuit voltage (V) -0.33%/°C

Short circuit current (A) +0.09%/°C

Measurements made under standard test condition (STC)



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