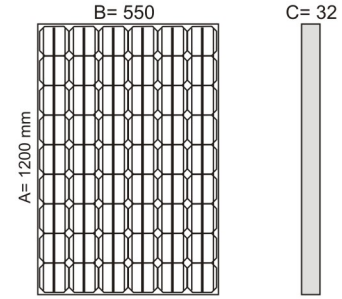
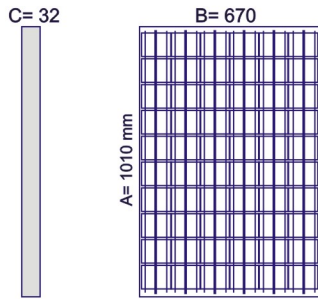


TSPP

100 Watt

TSPM

SPECIFICATIONS



Front Glass

Frame

Junction Box

Connector

Output Cables

Weight

AR coated 3.2 mm Low iron tempered glass

Anodized aluminum alloy

IP 65, with bypass diodes

MC4 compatible

TUV + length 900mm, 4mm²

7.2kg

100 % EL tested

Poly crystalline (± 3 %)

Cell Type

Mono crystalline (+ 3 %)

PERFORMANCE AT STANDARD TEST CONDITIONS (STC: 1000 W/m², 25°C, AM 1.5)

TSPP 100-12	TSPP 100-24
12	24
5.9	3.1
21	42
5.1	2.6
19	38
>15 %	>15 %
>14 %	>14 %

Maximum Power at STC (Pmax)

Nominal Voltage

Short Circuit Current (ISC)

Open Circuit Voltage (Voc)

Maximum Power Current (Imp)

Maximum Power Voltage (Vmpp)

Encapsulated Cell Efficiency

Module Efficiency

Power Tolerance

TSPM 100-12	TSPM 100-24
12	24
6.8	2.9
23	42
5.5	2.6
18	38
>16.5 %	>16.5 %
>15 %	>15 %

PERFORMANCE AT NORMAL OPERATING CELL TEMPERATURE (NOCT: 800W/m², 47±3°C, AM 1.5)

73	73
4.9	2.6
19.5	39.0
4.18	2.13
16.9	33.8

Maximum Power (Pmax) Watt

Short Circuit Current (ISC) Amp

Open Circuit Voltage (Voc) Volts

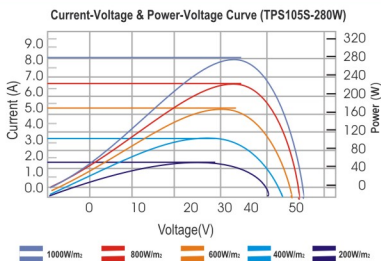
Max Power Current (Imp) Amp

Max Power Voltage (Vmpp) Volts

Weight

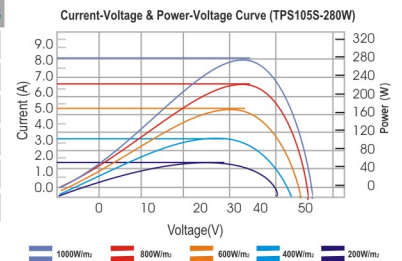
72	72
5.9	5.9
20	20
4.6	4.6
16	16

The typical relative change in module efficiency at an irradiance of 200W/m in relation to 1000W/M (both at 25°C and AM 1.5 spectrum) is less than 6%



TEMPERATURE CHARACTERISTICS		SYSTEM INTEGRATION PARAMETERS	
Nominal Operating Cell Temperature (NOCT)	47±3 C	Maximum system voltage	DC 1000V
Temperature Coefficient of Pmax (γ)	-0.47%/K	Maximum Series Fuse	16A
Temperature Coefficient of Voc (B)	-0.36%/K	Maximum reverse current	21.5A
Temperature Coefficient of Isc (G)	0.05%/K	Increased snowload acc. To IEC 61215	5400Pa/m
		Operating Temperature	-40+85 C
		Number of bypass diodes	6

Specs subject to change without notice



Conformance : IEC 61215 , 61730

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