

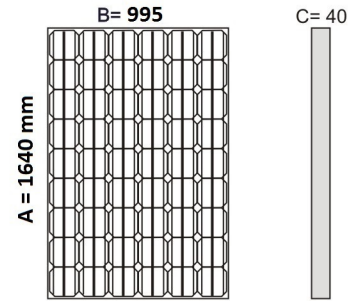
# TSPM

# 265 Watt

# TSPM

## SPECIFICATIONS

100% EL tested



Front Glass	AR coated 3.2 mm Low iron tempered glass
Frame	Anodized aluminum alloy
Junction Box	IP 65, with bypass diodes
Connector	MC4 compatible
Output Cables	TUV + length 900mm, 4mm <sup>2</sup>
Weight	18.5 kg

**Cell Type** Mono crystalline (+ 3 %)

### PERFORMANCE AT STANDARD TEST CONDITIONS (STC: 1000 W/m<sup>2</sup>, 25 °C, AM 1.5)

Maximum Power at STC (Pmax)	TSPM 265 W
Nominal Voltage	24 V
Short Circuit Current (ISC)	9.1 A
Open Circuit Voltage (Voc)	37.3 V
Maximum Power Current (Impp)	8.75 A
Maximum Power Voltage (Vmpp)	30.3 V
Encapsulated Cell Efficiency	> 19 %
Module Efficiency	16.5 ±0.1%

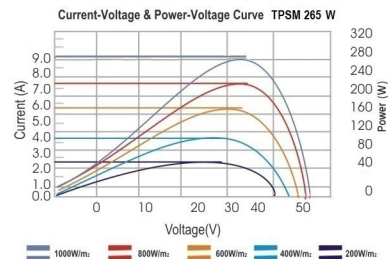
### PERFORMANCE AT NORMAL OPERATING CELL TEMPERATURE (NOCT: 800W/m<sup>2</sup>, 47±3°C, AM 1.5)

Maximum Power (Pmax) Watt	192 W
Short Circuit Current (ISC) Amp	7.43 A
Open Circuit Voltage (Voc) Volts	34.4 V
Max Power Current (Impp) Amp	6.86 A
Max Power Voltage (Vmpp) Volts	28 V

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)	44±2 °C	Maximum system voltage	DC 1000V
Temperature Coefficient of Pmax (γ)	-0.41%/K	Maximum Series Fuse	16A
Temperature Coefficient of Voc (β)	-0.32%/K	Maximum reverse current	21.5A
Temperature Coefficient of Isc (α)	0.05%/K	Increased snowload acc. To IEC 61215	5400Pa/m
		Operating Temperature	-40+85 C
		Number of bypass diodes	3

Specs subject to change without notice



Conformance : IEC 61215 , 61730

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