



**VOLTEC**  
solar

So that the future makes sense



Polycrystallin panels - VSPT



**TARKA**

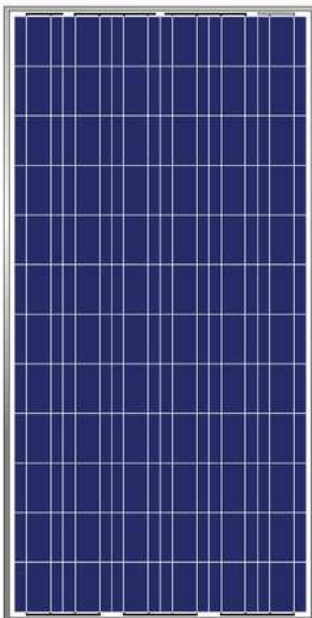
**72**

Upon request also available  
in “All Black” and “Transparent”

Multicrystalline panels - VSPT

French-German Enterprise  
Production in Alsace

\* Warranties subject to terms and conditions of sale



# TARKA 72

## VSPT CELL CHARACTERISTICS

Type	Dimensions	Quantity
Polycristallin Silicon	156 x 156 mm (6")	72 cellules (6 x 12)

## VSPT PANEL CHARACTERISTICS

Reference	VSPT 300	VSPT 305
Type	Polycristallin	
Solar glass	High transmission, tempered glass, thickness: 4 mm	
Junction Box	QC Solar, IP65 • 3 diodes By-pass	
Connectors and cabling	QC4 – certified TÜV – Cable length : 2 x 1 m Connectors male + female	
Frame	Rustproof anodised aluminium 15 µm • Holes for grounding and drainage	
Backsheet color	white (optional : black or transparent)	
Operating temperature range	-40°C à + 85°C	
Maximum load IEC (extended test)	5400 Pa	
Impact resistance	Hail: 25 mm de Ø with impact speed of 83 km/h	
Panel dimensions (accuracy ± 1 mm)	1968 x 990 x 42 mm	
Weight	26 kg	

## VSPT ELECTRICAL DATA

Peak power watt (Wp)	300	305
Power output tolerances (W)	0 to + 4,99	
Efficiency (%)	15,4	15,7
Maximum power voltage Vmax (V) <sup>1</sup>	37,30	37,79
Maximum power current Imp (A) <sup>1</sup>	8,03	8,09
Open circuit voltage Voc(V) <sup>1</sup>	45,96	46,08
Short circuit current Isc(A) <sup>1</sup>	8,45	8,49
Maximum reverse current (A)	1000	
Maximum system voltage (V)	17	
Electrical security	Class II	

<sup>1</sup> Mean values of power range modules.

Values at standard test conditions (STC): Irradiance 1000 W / m<sup>2</sup> - spectral distribution AM: 1.5 - cell temperature: 25 °C, EN 60904-3 Standards.

## TEMPERATURE COEFFICIENTS

	Power	Voc	Isc	NOCT
polycristallin panel VSPT	-0.409 %/K	-107 mV/K	4,4 mA/K	45°

## Warranties

Product warranties	20 ans
Performance warranty	25 years - 80% of the nominal power 10 years - 90% of the nominal power

This data sheet complies with the requirements of DIN EN 50380.



IEC 61215, IEC 61730-1 et 2.