



VOLTEC solar

So that the future makes sense



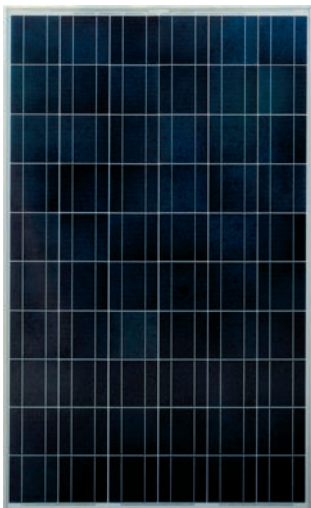
Monocrystalline panels - VSMS

Multicrystalline panels - VSPS

TARKA CLASSIC

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

Monocrystalline panels - VSMS
Multicrystalline panels - VSPS



French-German Enterprise
Production in Alsace



* Warranties subject to terms and conditions of sale

TARKA Classic range

VSPS AND VSMS PANEL CHARACTERISTICS

Panel dimensions and weight	1665 mm x 1001 mm x 42 mm (± 1 mm) / 22 kg
Type of cells	Multicrystalline or monocrystalline silicon
Dimensions and no. of cells/panel	156 mm x 156 mm / 60 cells (6 x 10)
Solar glass	High transmission, tempered glass, thickness: 4 mm (optional: 3,2 mm)
Junction Box	TYCO IP 65 (optional: KOSTAL) • 3 bypass diodes
Connectors and cabling	TYCO (optional: MC4) - Cable length: 2 x 1 m Fast, safe connection with polarizing slot
Encapsulation	High transparence EVA film
Frame	Rustproof anodised aluminium 20 μ m • Holes for grounding and drainage
Frame color	Grey (optional: black)
Backsheet color	White (optional: black or transparent)
Operating temperature range	-40°C to +85°C
Maximum wind load	2400 Pa
Maximum snow load	5400 Pa
Impact resistance	Hail: 25 mm \varnothing with impact speed of 83 km/h
Electric safety	Class II

ELECTRICAL DATA

	VSPS Classic				VSMS Classic			
	240	245	250	255	250	255	260	265
Peak Power Watts (WP)*								
Power output tolerance (W)	0 to + 4,99				0 to + 4,99			
Efficiency (%) ¹	14,4 %	14,7 %	15,0 %	15,3 %	15,0 %	15,3 %	15,6 %	15,9 %
Maximum power voltage V _{max} (V) ¹	30,1	30,2	30,6	30,7	31,0	31,1	31,3	31,5
Maximum power current I _{mpp} (A) ¹	8,05	8,14	8,20	8,28	8,13	8,21	8,32	8,41
Open circuit voltage Voc (V) ¹	37,3	37,5	37,6	37,8	38,1	38,3	38,5	38,6
Short-circuit current I _{sc} (A) ¹	8,50	8,60	8,64	8,70	8,50	8,57	8,69	8,78
Maximum system voltage (V)	1000				1000			

¹Mean values of range modules. * Other power on demand.

Values at Standard Test Conditions (STC): Irradiance 1000W/m² - Air mass AM: 1,5, cell temperature 25°C, EN 60904-3 standard.

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VSMS panels also available with BOSCH cells.

TEMPERATURE COEFFICIENTS

	VSPS Classic	VSMS Classic
Power	- 0.409 %/K	- 0.410 %/K
Voc	- 107 mV/K	- 128 mV/K
Isc	4.4 mA/K	3.9 mA/K



European production certified by TÜV, in accordance with Italy GSE Conto Energia



Munich RE insured

IEC 61215,
IEC 61730-1 and 2.



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