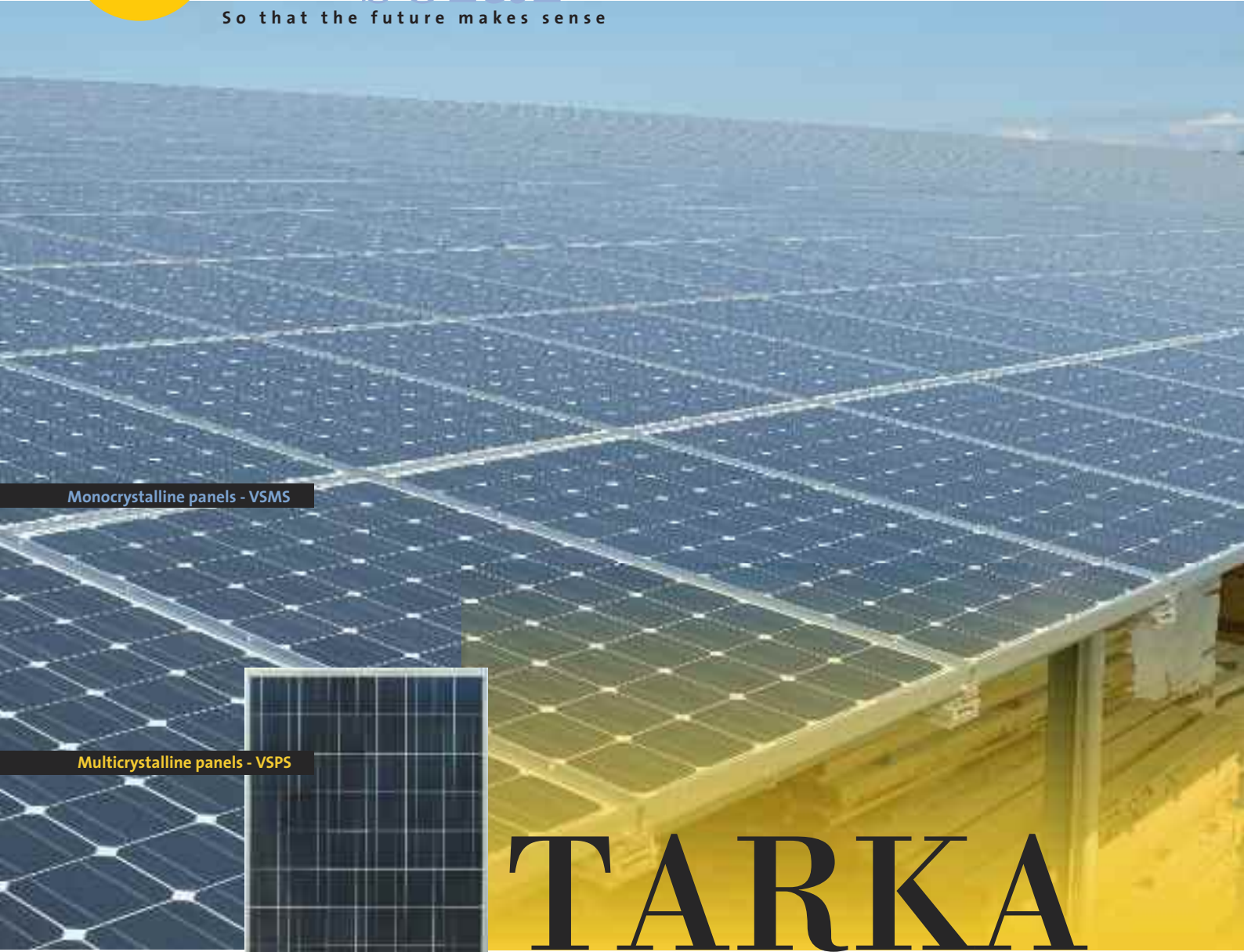




**VOLTEC**  
solar

So that the future makes sense



Monocrystalline panels - VSMS

Multicrystalline panels - VSPS



# TARKA CLASSIC

Upon request also available in All Black

Monocrystalline panels - VSMS  
Multicrystalline panels - VSPS



Made in France - Alsace

\* Guarantee subject to terms and conditions of sale



# TARKA Classic range

FOR A POWER OF 260 WATTS AND MORE  
CONTACT US  
AVAILABLE FROM 2012

## VSPS AND VSMS PANEL CHARACTERISTICS

Panel dimensions and weight	1665 mm x 1001 mm x 42 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 transpance, tempered glass, thickness: 4 mm	
J-Box	TYCO IP 65 • 3 bypass diodes	
Connectors and cabling	<b>Poly</b> : TYCO - Cable length : 2 m x 1 m Fast, safe connection with polarizing slot	<b>Mono</b> : LC4 <sup>1</sup> or TYCO - Cable length : 2 m x 1 m Fast, safe connection with polarizing slot
Encapsulation	High transpance EVA film	
Frame	Rustproof anodised aluminium 20 µm • Holes for earth, mounting and drainage	
Frame colour	Gris alu	
Backsheet colour	white	
Operating temperature range	-40°C to +85°C	
Maximum wind load	2400 Pa	
Maximum snow load	5400 Pa	
Impact resistance	Hail : 25 mm Ø with impact speed of 83 km/h	
Electric safety	Class 2	

<sup>1</sup>According to availability.

## ELECTRICAL DATA

	VSPS Classic					VSMS Classic					
	214	220	225	230	235 <sup>3</sup>	230 <sup>3</sup>	235	240	245	250	255 <sup>3</sup>
Peak Power Watts (WP)											
Power output tolerance (%)	0 to + 3 %					0 to + 3 %					
Efficiency (%) <sup>2</sup>	13.0 %	13.3 %	13.6 %	13.9 %	14.2 %	14.0 %	14.3 %	14.6 %	14.9 %	15.2 %	15.5 %
Maximum power voltage Vmax (V) <sup>2</sup>	29.0	29.3	29.6	29.9	30.2	29.2	29.6	29.9	30.2	30.5	30.8
Maximum power current Impp (A) <sup>2</sup>	7.49	7.59	7.67	7.74	7.83	7.97	8.05	8.13	8.21	8.28	8.36
Open circuit voltage Voc (V) <sup>2</sup>	36.1	36.4	36.6	36.9	37.2	36.6	36.9	37.2	37.5	37.8	38.1
Short-circuit current Isc (A) <sup>2</sup>	8.1	8.14	8.21	8.26	8.31	8.59	8.67	8.74	8.81	8.87	8.95
Maximum system voltage (V)	1000					1000					

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

<sup>3</sup> Availability as long as stock lasts.

Values at Standard Test Conditions (STC): Irradiance 1000W/m<sup>2</sup> - Air mass AM: 1.5, cell temperature 25°C, EN 60904-3 standard.

Upon request also available in "All Black".

## TEMPERATURE COEFFICIENTS

	VSPS Classic	VSMS Classic
Power	-0.409 %/K	-0.47 %/K
Voc	-107 mV/K	-128 mV/K
Isc	3.9 mA/K	3.9 mA/K



CERTIFICATIONS : IEC 61215, IEC 61730-1 & 61730-2.



1 rue des Prés • 67190 DINSHEIM-SUR-BRUCHE • FRANCE  
Tél : +33 (0)3 88 49 49 84 • Fax : +33 (0)3 88 49 49 85  
info@voltec-solar.com • [www.voltec-solar.com](http://www.voltec-solar.com)