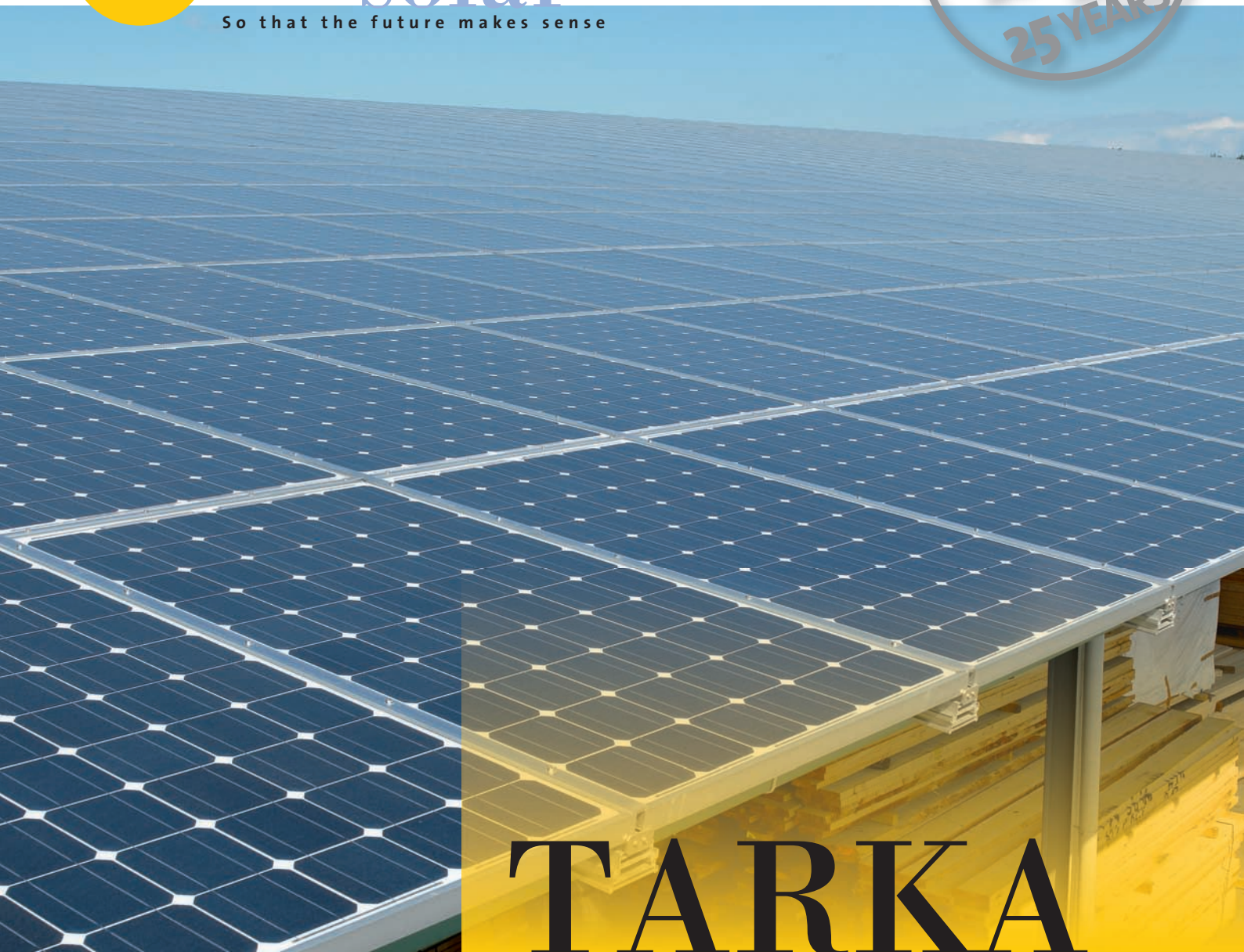


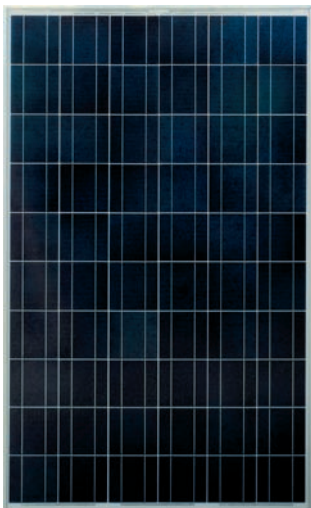


VOLTEC solar

So that the future makes sense



TARKA



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

Multicrystalline panels - VSPS

**French-German Enterprise
Production in Alsace**



* Warranties subject to terms and conditions of sale

TARKA

PANEL CHARACTERISTICS

Panel dimensions and weight	1650 mm x 990 mm x 42 mm (± 1 mm) / 18 kg
Type of cells	Multicrystalline
Dimensions and no. of cells/panel	156 mm x 156 mm / 60 cells (6 x 10)
Solar glass	High transmission, tempered glass, thickness: 3,2 mm
Junction Box	Multi-Contact - IP65 • 3 bypass diodes
Connectors and cabling	MC4 certified TÜV - Cable length: 2 x 1 m Fast, safe connection with polarizing slot
Encapsulation	High transparence EVA film
Frame	Rustproof anodised aluminium 15 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			
	245	250	255	260
Peak Power Watts (WP)*				
Power output tolerance (W)	0 to + 4,99			
Efficiency (%) ¹	15,1 %	15,3 %	15,6 %	15,9 %
Maximum power voltage V _{max} (V) ¹	30,2	30,6	30,8	31,1
Maximum power current I _{mpp} (A) ¹	8,14	8,20	8,28	8,36
Open circuit voltage Voc (V) ¹	37,5	37,6	37,8	38,0
Short-circuit current I _{sc} (A) ¹	8,60	8,64	8,70	8,77
Maximum system voltage (V)	1000			
Maximum reverse current I _{RM}	16 A			

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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TEMPERATURE COEFFICIENTS

	VSPS
	Power
Voc	- 107 mV/K
Isc	4.4 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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