



# VOLTEC solar

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# TARKA

## 126 VSMS



385 - 395 W

Solar photovoltaic monocrystalline panel

IDEAL FOR RESIDENTIAL.  
OPTIMISER COMPATIBLE



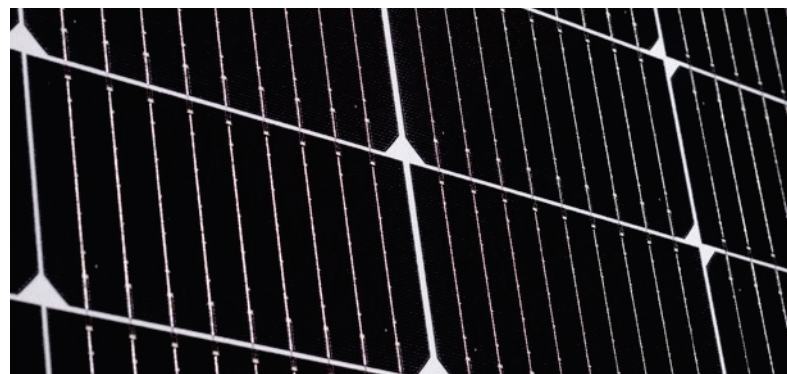
Low environmental impact



TLS Dicing® technology



Fluorless backsheet



High efficiency cells

\* Warranties according to sales conditions

ISO 9001  
ISO 14001  
ISO 45001  
BUREAU VERITAS  
Certification



## Technical datasheet TARKA 126 VSMS - Monofacial

### ELECTRICAL CHARACTERISTICS AT STC <sup>1</sup>

Maximum power - Pmax (Wp)	385	390	395
Module efficiency	20,14%	20,40%	20,66%
Voltage at max power - Vmp (V)	36,24	36,64	37,04
Current at max power - Imp (A)	10,63	10,66	10,69
Open circuit voltage - Voc (V)	43,27	43,49	43,7
Short circuit current - Isc (A)	11,18	11,22	11,26

### TEMPERATURE RATINGS (STC)

Nominal cell temperature (NOCT)	45°C
Temperature coefficient of Pmax (%/°C)	-0,345
Temperature coefficient of Voc (%/°C)	-0,273
Temperature coefficient of Isc (%/°C)	0,044

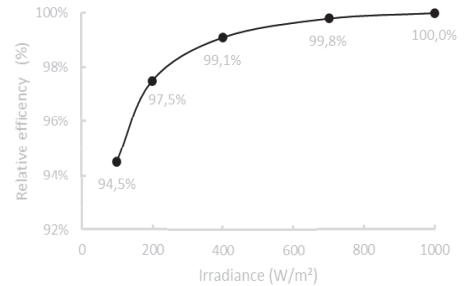
### ELECTRICAL CHARACTERISTICS AT NOCT <sup>2</sup>

Power at NOCT (Wp)	289	293	297
Current at NOCT (Imp)	8,43	8,49	8,52
Voltage at NOCT (Vmp)	34,33	34,54	34,85

### PANEL FEATURES

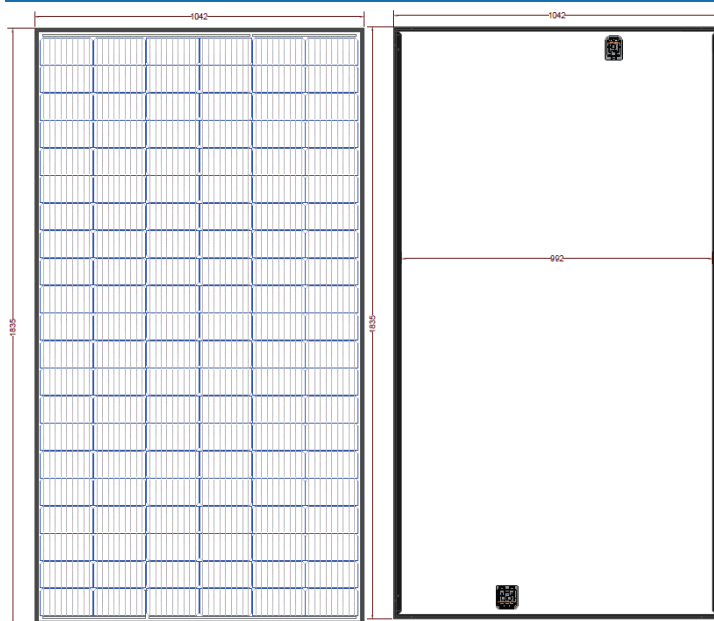
Size	1835 x 1042 x 35 mm <sup>3</sup>
Weight	21,2 kg
Cell type	Monocrystalline Type P M6-9BB PERC
Cell quantity	126 half cells
Solar glass	Tempered glass 3,2mm
Connectors	Staubli MC4
Cable length	2 x 1,2m
Frame	Black anodized aluminium
Backsheet colour	White
Operational temperature	-40 °C à +85 °C
Max static load	2400 Pa
Protection class	Classe II, IP 68
Max system voltage (V)	1000
Max series fuse rating (A)	25

### LOW IRRADIANCE PERFORMANCE

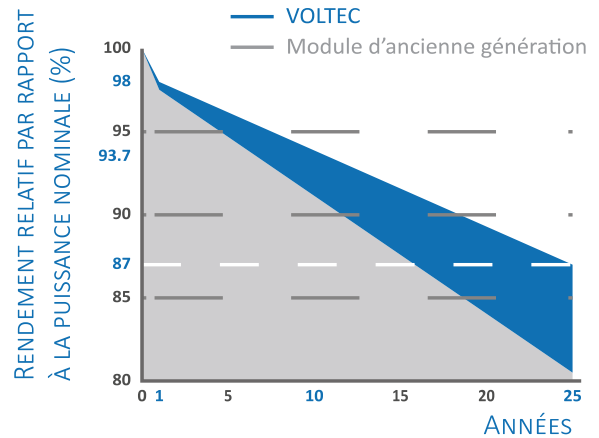


1. Standard Test Conditions, 1000W/m<sup>2</sup>, 25°C, AM1,5, 2. Normal operating cell temperature, 800 W/m<sup>2</sup>, 45°  
Pmax tolerance : 0/+5W. Flasher measurement tolerance : ±3%  
3. +/- 2mm tolerance on the module width and length

### MODULE LAYOUT



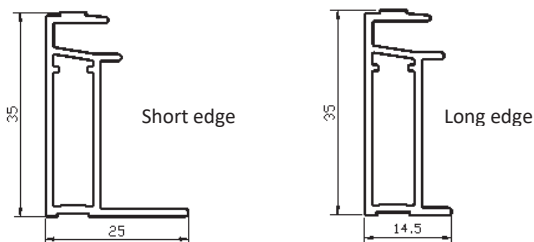
### LINEAR PERFORMANCE WARRANTY



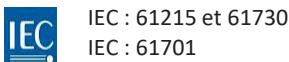
Peak power degradation of max 0.5 % per annum. Module performing at **98 %** minimum during the first year, **93.7 %** after 10 years and at least at **87 %** after 25 years.

### PACKAGING INFORMATION

Pallet dimension	1860 x 1060 x 1271 mm
Quantity per pallet	32
Quantity per truck (TIR)	28
Pallet weight	713 kg



### CERTIFICATIONS



### DECLARATION

The information included in this module datasheet is subject to change without notice and is provided for informational purposes only. No contractual rights are established or should be inferred because of user's reliance on the information contained in this module datasheet.