



VOLTEC solar

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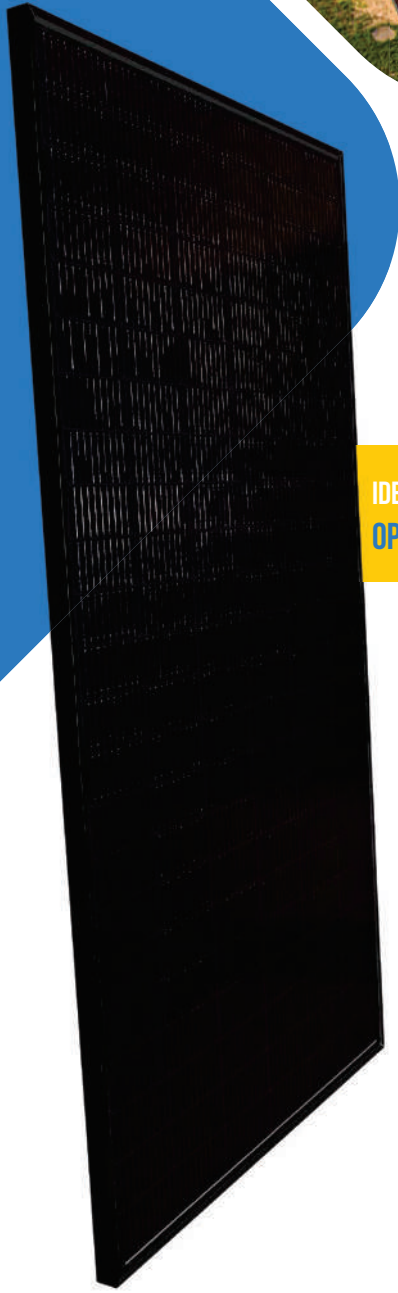


TARKA

126 VSMS



375 W FULL BLACK



IDEAL FOR RESIDENTIAL.
OPTIMISER COMPATIBLE

Solar photovoltaic monocrystalline panel



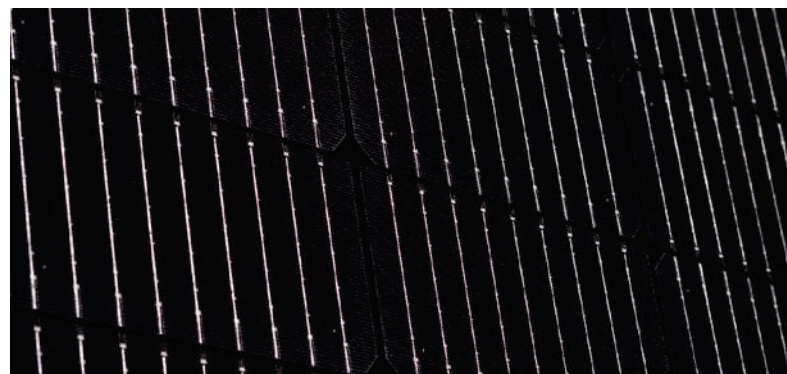
Low environmental impact



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 ¹

Maximum power - Pmax (Wp)	375	385
Module efficiency	19,62%	20,14%
Voltage at max power - Vmp (V)	35,67	36,24
Current at max power - Imp (A)	10,52	10,63
Open circuit voltage - Voc (V)	42,98	43,27
Short circuit current - Isc (A)	11,09	11,18

ELECTRICAL CHARACTERISTICS AT NOCT ²

Power at NOCT (Wp)	283	289
Current at NOCT (Imp)	8,36	8,43
Voltage at NOCT (Vmp)	33,84	34,85

PANEL FEATURES

Size ³	1835 x 1042 x 35 mm
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 or MC4EVO2
Cable length	2 x 1,4m
Frame	Black anodized aluminium
Backsheet colour	Black
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

1. Standard Test Conditions, 1000W/m², 25°C, AM1,5, 2. Normal operating cell temperature, 800 W/m², 45°

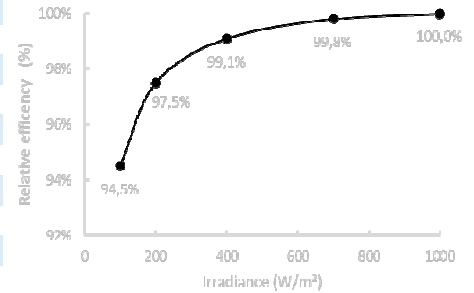
Pmax tolerance : 0/+5W on 385Wp. Flasher measurement tolerance : ±3%

3. +/- 2mm tolerance on the module width and length

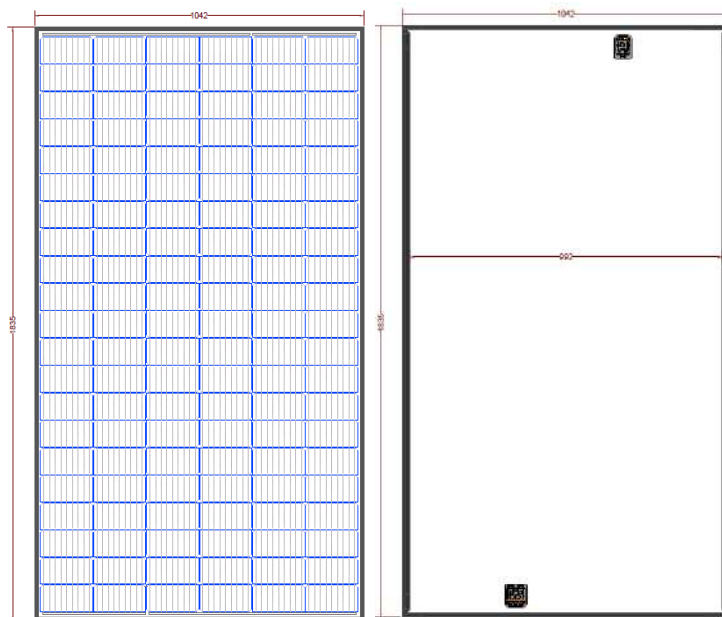
TEMPERATURE RATINGS (STC)

Nominal cell temperature (NOCT)	45°C
Temperature coefficient of Pmax (%/°C)	-0,366
Temperature coefficient of Voc (%/°C)	-0,283
Temperature coefficient of Isc (%/°C)	0,044

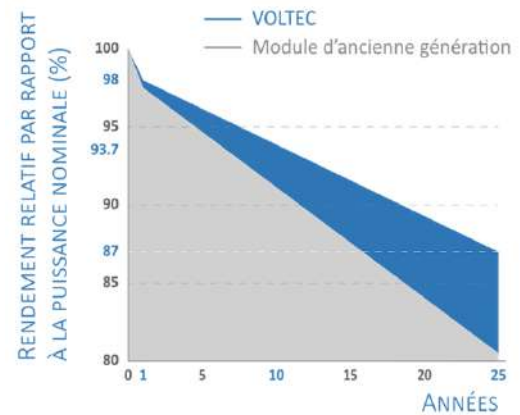
LOW IRRADIANCE PERFORMANCE



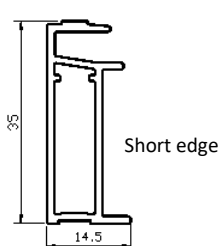
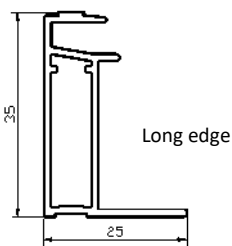
MODULE LAYOUT



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



IEC : 61215 et 61730
IEC : 61701

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.