



VOLTEC solar

So that the future makes sense



TARKA 60



Monocrystalline Panels–VSMS

Multicrystalline Panels–VSPS

Available in tropicalized version



Made in France-Alsace

*Warranties subject to terms and conditions of sale

TARKA 60

ELECTRICAL VALUES MEASURED AT STC (Standard Test Conditions : Irradiance 1000W/m² Air mass AM : 1,5, cell temperature 25° C)

	VSPS				VSMS						
	260	265	270	275	270	275	280	285	290	295	300
Peak Power Watts (Wp)	260	265	270	275	270	275	280	285	290	295	300
Efficiency (%)	15,7%	16,0%	16,3%	16,6%	16,3%	16,6%	16,9%	17,2%	17,5%	17,8%	18,1%
Maximum power voltage Vmax (V)'	30,5	30,7	30,9	31,3	31,0	31,3	31,6	31,9	32,2	32,6	31,8
Maximum power current Impp (A)'	8.58	8.69	8.79	8.87	8.80	8.88	8.95	9.01	9.10	9.12	9.48
Open circuit voltage Voc (V)'	37,8	38,1	38,5	38,8	38,5	38,8	39,2	39,5	39,8	40,5	39,3
Short-circuit current Isc (A)'	9,07	9.19	9.26	9.37	9.26	9.34	9.415	9.49	9.58	9.7	10

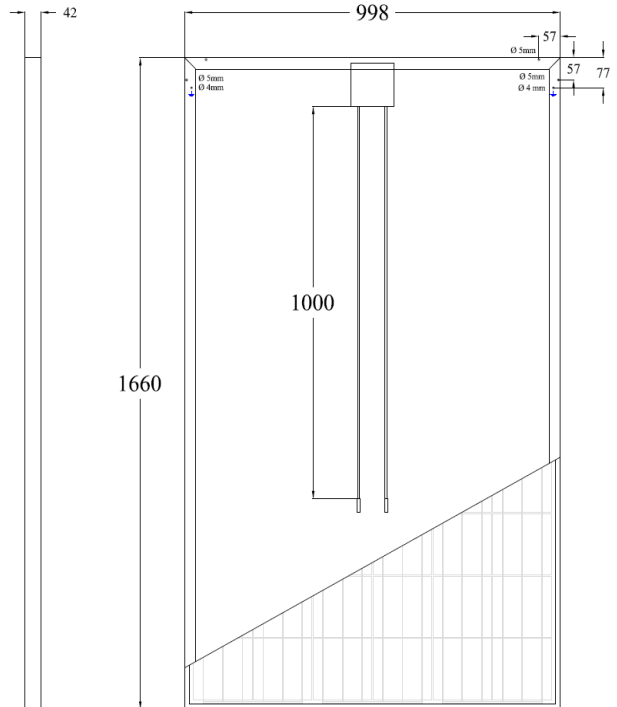
ELECTRICAL VALUES AT NOCT CONDITIONS (Normal Operating Cell Temperature : 800W/m² , 45° C , AM 1,5)

NOCT Power	191,8	194,4	197,9	201,1	200,8	203,1	206,6	210,0	213,6	217,8	223,4
Maximum power current Ipmx (A)	6.85	6.92	7.06	7.10	7.05	7.10	7.19	7.20	7.27	7.28	7.62
Open circuit voltage pmax (V)	27,99	28,09	28,19	28,31	28,47	28,62	28,79	29,18	29,38	29,90	29,30

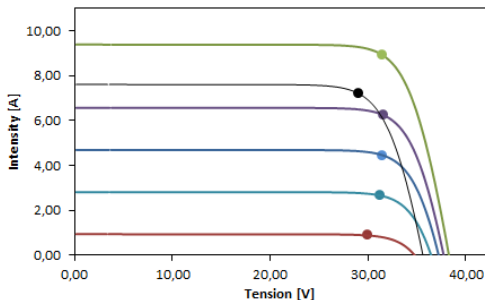
TEMPERATURE COEFFICIENTS	Power	Voc	Isc	Power	Voc	Isc
	-0.409%/°C	-0.332%/°C	0.052%/°C	-0.395%/°C	-0.293%/°C	0.027%/°C

PANEL CHARACTERISTICS

Dimensions and weight	1660 x 998 x 42 mm (± 1 mm) / 19 kg
Type of cells	Multicrystalline ou Monocrystalline
Dimensions and no. of cells/panel	156 x 156 mm / 60 cells
Solar glass	Tempered glass, thickness : 3,2 mm
Connectors and wiring	MC4-Cable length : 2 x 1,00m
Frame	Anodised aluminium (option : black)
Backsheet color	White (option : black or transparent)
Power tolerance	0 to +5W
Operating temperature range	-40°C to +85°C
Maximum wind / snow load	2400Pa / 5400Pa
Electric safety	Classe II
Maximum system voltage (V)	1000 V
Maximum reverse current IRM	15 A

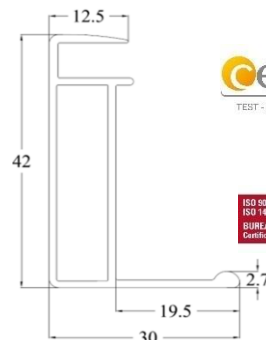


— 1000 W/m² — 700 W/m² — 500 W/m² — 300 W/m² — 100 W/m² — NOCT



ADVANTAGES OF TROPICALIZED VERSION

High abrasion resistance glass
Polymer protection with a high UV radiation resistance
High humidity resistance (tested at 10 000 h Damp heat)
Junction box IP67



certisolis
TEST - CERTIFICATION PHOTOVOLTAÏQUE

PV CYCLE

ISO 9001
ISO 14001
BUREAU VERITAS
Certification

CE

IEC

IEC 61215,
IEC 61730-1 et 2.

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solar
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