



VOLTEC solar

So that the future makes sense



TARKA 72



Monocrystalline Panels–VSMS

Multicrystalline Panels–VSPS

Available in tropicalized version



Made in France - Alsace

*Warranties subject to terms and conditions of sale

TARKA 72

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

	VSPS						VSMS					
	300	305	310	315	320	325	315	320	325	330	335	340
Peak Power Watts (Wp)												
Efficiency (%)	15.2%	15.4%	15.7%	15.9%	16.2%	16.4%	15,9%	16.2%	16.4%	16.7%	17.0%	17.2%
Maximum power voltage Vmax (V)'	36.2	36.5	36.6	36.8	37.0	37.2	37.1	37.2	37.3	37.4	37.5	37.8
Maximum power current Impp (A)'	8.37	8.43	8.51	8.59	8.67	8.75	8.53	8.65	8.78	8.89	9.00	9.05
Open circuit voltage Voc (V)'	45.2	45.6	45.8	46.0	46.2	46.4	45,8	46.0	46.2	46.2	46.1	46.1
Short-circuit current Isc (A)'	8.95	9.01	9.09	9.17	9.25	9.33	9.20	9.28	9.39	9.45	9.52	9.60

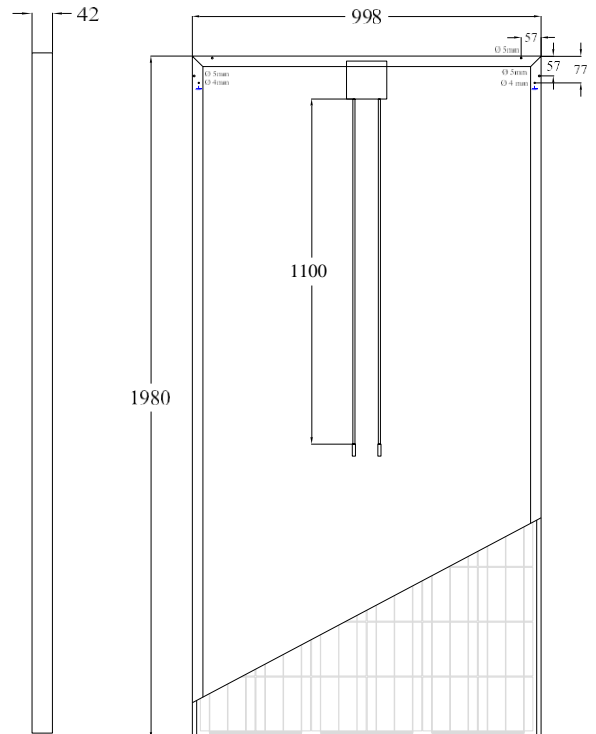
ELECTRICAL VALUES AT NOCT CONDITIONS (Normal Operating Cell Temperature : 800W/m², 45°C, AM 1,5)

NOCT Power	222.2	226.4	229.4	232.4	235.4	238.4	235.5	237.8	240.2	242.6	244.9	247.3
Maximum power current Ipmx (A)	6.72	6.77	6.83	6.9	7.0	7.0	6.96	7.01	7.1	7.1	7.2	7.2
Open circuit voltage pmax (V)	33.08	33.38	33.57	33.8	34.0	34.1	32.50	33.40	34.3	35.2	36.1	37.0

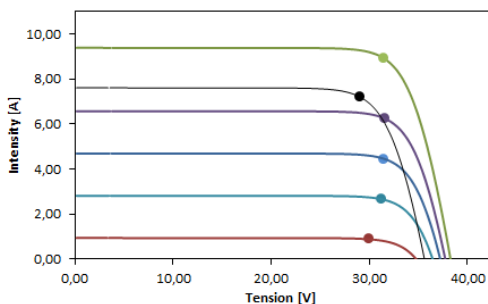
	Power	Voc	Isc	Power	Voc	Isc
	TEMPERATURE COEFFICIENTS	-0.409%/°C	-0.332%/°C	0.052%/°C	-0.395%/°C	-0.293%/°C

PANEL CHARACTERISTICS

Dimensions and weight	1980 x 998 x 42 mm (± 1 mm) / 26 kg
Type of cells	Multicrystalline or Monocrystalline
Dimensions and no. of cells / panel	156 x 156 mm / 72 cells
Solar glass	Tempered glass, thickness : 4 mm
Connectors and wiring	MC4-Cable length : 2 x 1,10 m
Frame	Anodised aluminium
Backsheet color	White
Power tolerance	0 to +5W
Operating temperature range	-40°C to +85°C
Maximum wind / snow load	2400 Pa / 5400 Pa
Electric safety	Classe II
Maximum system voltage (V)	1000 V
Maximum reverse current IRM	15 A

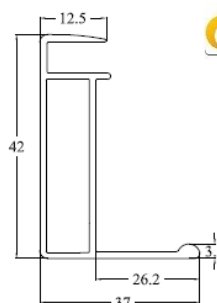


— 1000 W/m² — 700 W/m² — 500 W/m² — 300 W/m² — 100 W/m² — NOCT



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.

VOLTEC
solar
So that the future makes sense

Voltec Solar SAS
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