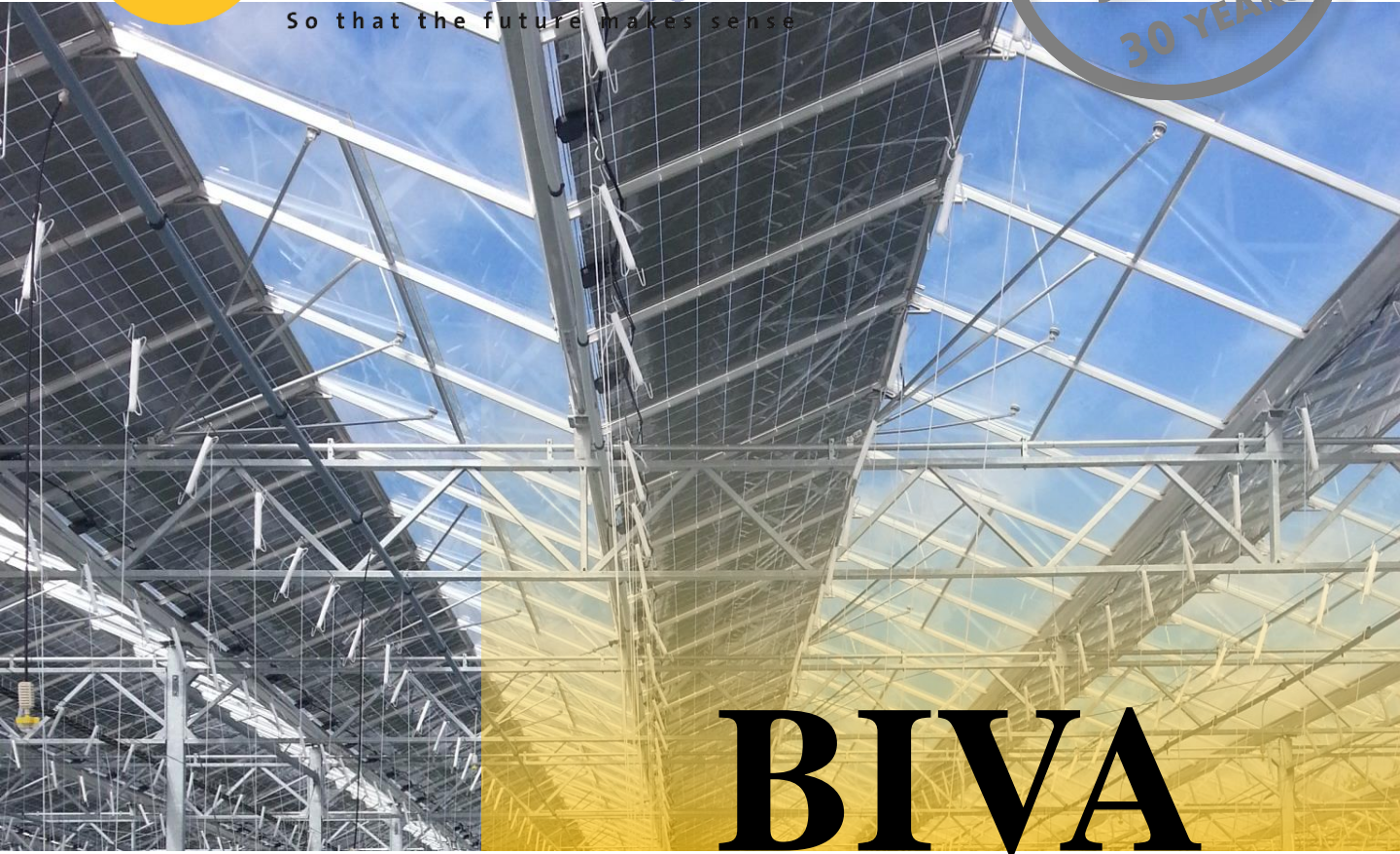




So that the future makes sense



BIVA



Glass-glass Monocrystalline Panels–VSMB

Glass-glass Multicrystalline Panels–VSPB

High resistance to humidity, UV radiation, microcracks and abrasion.

➔ **More reliable, more durable.**



Made in France-Alsace

*Warranties subject to terms and conditions of sale

GLASS-GLASS TRANSPARENT

ELECTRICAL VALUES MEASURED AT STC (Standard Test Conditions, 1000W/m², 25°C, AM 1,5)

	VSPB				VSMB			
	250	255	260	265	265	270	275	280
Peak Power Watts (Wp)								
Efficiency (%)	15,1%	15,4%	15,7%	16,0%	16,0%	16,3%	16,6%	16,9%
Maximum power voltage Vmax (V)	30,1	30,3	30,5	30,7	30,6	31,0	31,3	31,6
Maximum power current Imp (A)	8,41	8,47	8,58	8,69	8,71	8,80	8,88	8,95
Open circuit voltage Voc (V)	37,3	37,5	37,8	38,1	38,1	38,5	38,8	39,2
Short-circuit current Isc (A)	8,9	8,98	9,07	9,19	9,16	9,26	9,34	9,415

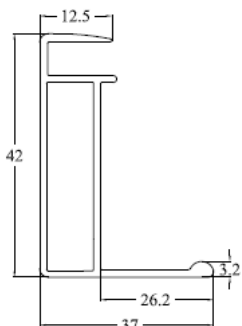
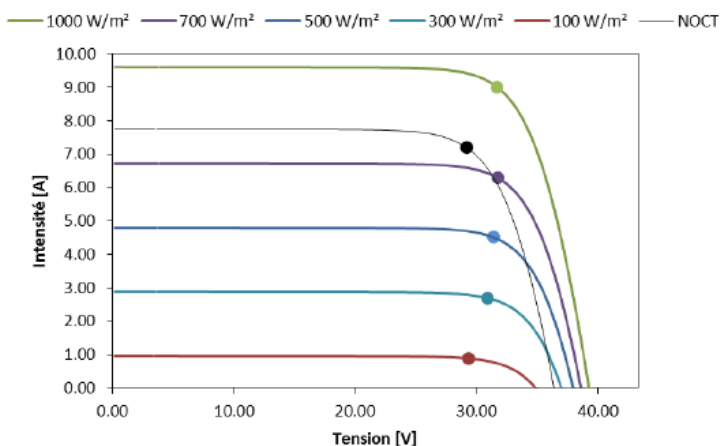
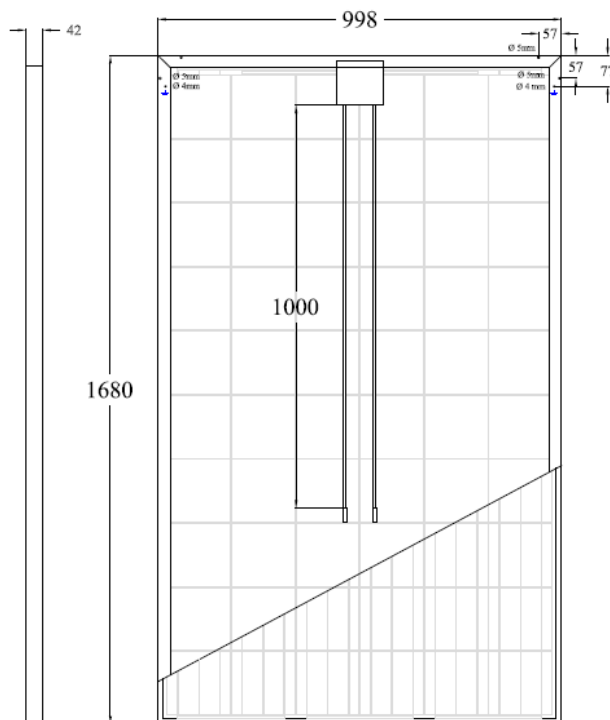
ELECTRICAL VALUES AT NOCT (Normal Operating Cell Temperature, 800W/m², 45°C, AM 1,5)

NOCT Power	183,1	187,8	191,8	194,4	196,7	200,8	203,1	206,6
Maximum power current Ipm (A)	6.67	6.77	6.85	6.92	6.97	7.05	7.10	7.19
Open circuit voltage Vpm (V)	27,43	27,73	27,99	28,09	28,21	28,47	28,62	28,79

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

PANELS CHARACTERISTICS

Dimensions and weight	1680 x 998 x 42 mm (± 1 mm) / 22 kg
Type of cells	Polycrystalline or Multicrystalline
Dimensions and no. of cells / panel	156 x 156 mm / 60 cells
Solar glass	Tempered glass, thickness : 2 x 2 mm
Connector and wiring	MC4 – Cable length : 2 x 1,00 m
Frame	Anodised aluminium (option : black)
Power tolerance	0 to +5 Wc
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
Junction box	IP65
Transparency	8,5%



Certisolis
TEST - CERTIFICATION PHOTOVOLTAÏQUE

PV CYCLE
ASSOCIATION

ISO 9001
ISO 14001
BUREAU VERITAS
Certification

CE

IEC

IEC 61215,
IEC 61730-1 et 2.

VOLTEC
solar
So that the future makes sense

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