



TECHNICAL DATA - TYPE PV (T1) (T14)

α-Si TECHNOLOGY

PHOTOVOLTAIC GLASS		985 x 485
	M	Clear-20%
Electrical data test conditions (STC)		
Nominal peak power	16	P _{mpp} (Wp)
Open-circuit voltage	36	V _{oc} (V)
Short-circuit current	0,70	I _{sc} (A)
Voltage at nominal power	26	V _{mpp} (V)
Current at nominal power	0,63	I _{mpp} (A)
Power tolerance not to exceed	±5	%
STC: 1000 w/m ² , AM 1.5 and a cell temperature of 25°C, stabilized module state.		
Mechanical description		
Length	985	mm
Width	485	mm
Thickness	14,24	mm
Surface area	0,48	sqm
Weight	13,38	Kgs
Cell type	α-Si	Thin Film
Transparency degree	M	Clear-20%
Front Glass	4 mm	Tempered Glass
PV Active Glass	3,2 mm	Float Glass
Rear Glass	4 mm	Tempered Glass
Thickness encapsulation	3,04 mm	PVB Foils
Category / Color code	C	0144
Junction Box		
Protection	IP65	
Wiring Section	2,5 mm ² or 4,0 mm ²	
Limits		
Maximum system voltage	1000	V _{sys} (V)
Operating module temperature	-40...+85	°C
Temperature Coefficients		
Temperature Coefficient of P _{mp}	-0,19	%/°C
Temperature Coefficient of V _{oc}	-0,28	%/°C
Temperature Coefficient of I _{sc}	+0,09	%/°C

Final electrical parameters will be given once the final prototype is developed and tested

smart solar solutions for buildings

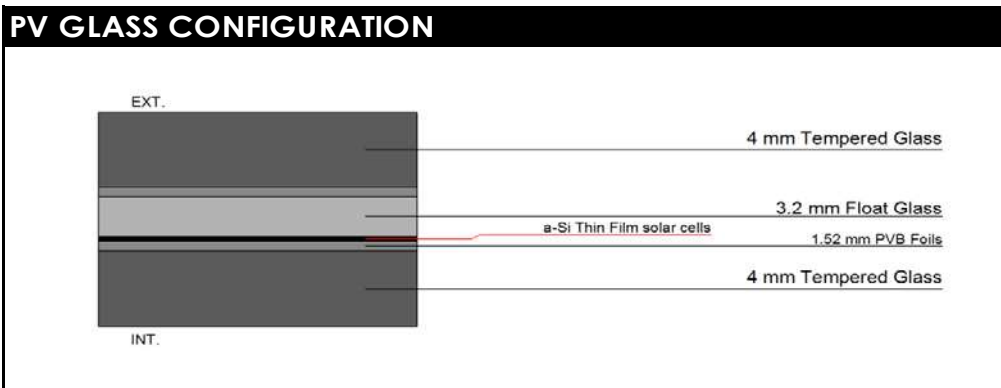
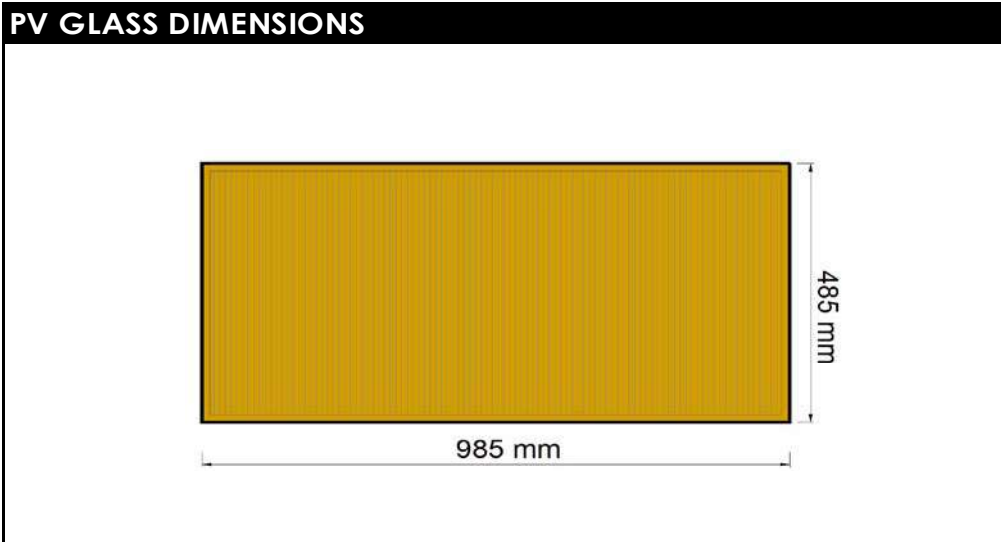
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