

SMALL MODULE

CUSTOMIZED OPTIONAL



Photovoltaic Modules

Module	110W-130W 36CELLS					
Encapsulation	Glass/EVA/Cell/EVA/Backsheet					
Maximum Power Pmax	W	110	115	120	125	130
Maximum Power Voltage (Vmp)	V	18.00	18.00	18.20	18.20	18.00
Maximum Power Current (Imp)	A	6.11	6.39	6.59	6.87	7.22
Open Circuit Voltage (Voc)	V	21.60	21.60	21.84	21.84	21.60
Short Circuit Current (Isc)	A	7.33	7.67	7.91	8.24	8.67
Cell Efficiency	%	15.00	15.20	15.40	15.60	15.60
Module Efficiency	%	14.85	14.89	14.95	14.99	15.53
Tolerance		0+3%				
Max System Open Circuit Voltage		600V				
Diodes		2by-pass				
Dimension		1130*680*35mm				
Weight		12kg				
Operate Temperature Scope		-40/+85°C				
Relative Humidity		0~100%				
Frame Thickness		35mm				
Frame Colour		Gold/Brown/Black/Silver				

Standard Test Conditions[STC]: irradiance 1,000 W/m²; AM 1.5G; module temperature 25°C. Measuring uncertainty of power is within ±3%. Tolerance of Pmp: 0~+3%. Certified in accordance with IEC61215, IEC61730-1/2.

Temperature Coefficients

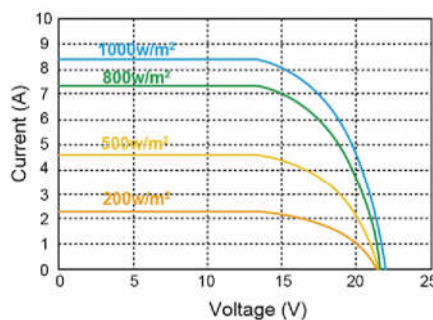
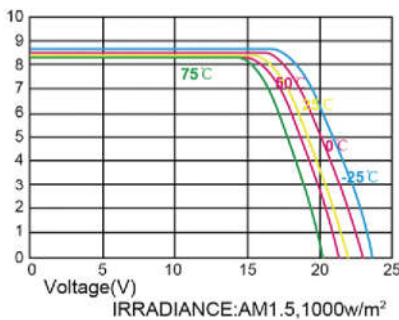
NOCT	45°C±2°C	
Short Circuit Current Temperature Coefficients	$\alpha(Isc)$	+0.045%/°C
Open Circuit Voltage Temperature Coefficients	$\beta(Voc)$	-0.292%/°C
Peak Power Temperature Coefficients	$\gamma(Pmax)$	-0.408%/°C
Nominal Operating Cell Temperature(NOCT) : 45°C±2°C		
Output		
Cable 4.0mm ² (TUV)	Length 900mm	Connector MC4 type

Advantage

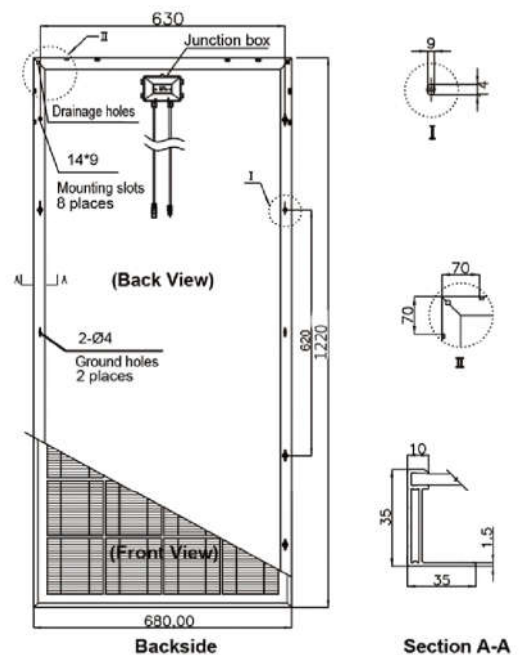
The Cetesolar modules consist of poly-crystalline high efficient silicon cells, which are individually characterized and electronically matched before interconnection and laminated with toughened glass, EVA and TPT of high quality.

After assembled with anodized aluminum alloy frame, cable and junction box with MC4 connectors Cetesolar modules can be installed easily and work for a long period. At the same time, they can withstand the storm, strong wind and hail impact, etc.

I-V Curves



Dimensions



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