

SMALL MODULE

CUSTOMIZED OPTIONAL



Photovoltaic Modules

Module	70W-100W 36CELLS						
Encapsulation	Glass/EVA/Cell/EVA/Backsheet						
Maximum Power Pmax	W	70	75	80	90	95	100
Maximum Power Voltage (Vmp)	V	17.90	18.00	18.50	17.50	17.90	18.30
Maximum Power Current (Imp)	A	3.91	4.17	4.32	5.14	5.31	5.46
Open Circuit Voltage (Voc)	V	22.02	22.14	22.76	21.53	22.02	22.51
Short Circuit Current (Isc)	A	4.22	4.50	4.67	5.55	5.73	5.90
Cell Efficiency	%	16.00	17.20	18.30	15.50	16.30	17.20
Module Efficiency	%	14.86	14.93	15.02	14.62	14.68	14.73
Tolerance		0+3%			0+3%		
Max System Open Circuit Voltage		600V			600V		
Diodes		2by-pass			2by-pass		
Dimension		790*675*35mm			1090*680*35mm		
Weight		6.4kg			8kg		
Operate Temperature Scope		-40/+85°C			-40/+85°C		
Relative Humidity		0~100%			0~100%		
Frame Thinkness		35mm			35mm		
Frame Colour		Gold/Brown/Black/Silver			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 Pmpp: 0~+3%. Certified in accordance with IEC61215, IEC61730-1/2.

Temperature Coefficients

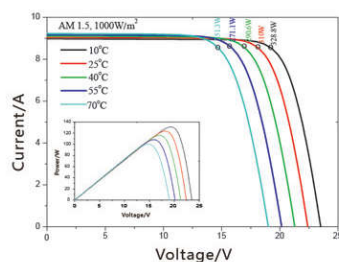
NOCT		45°C±2°C
Short Circuit Current Temperature Coefficients	α(Isc)	+0.045%/°C
Open Circuit Voltage Temperature Coefficients	β(Voc)	-0.292%/°C
Peak Power Temperature Coefficients	γ(Pmax)	-0.408%/°C
Nominal Operating Cell Temperature(NOCT) : 45°C±2°C		
Output		
Cable 4.0mm ² (TUV)	Length 900mm	Connector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

Advantage

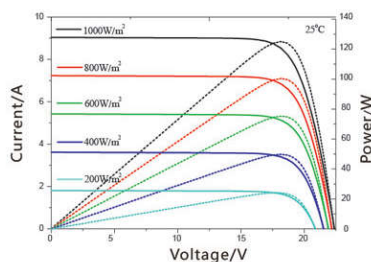
The Cetesolar modules consist of poly-crystalline high efficient silicon cells, which are individually characterized and electronically matched before interconnection and laminated with toughened glass, EVA and TPT of high quality.

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.

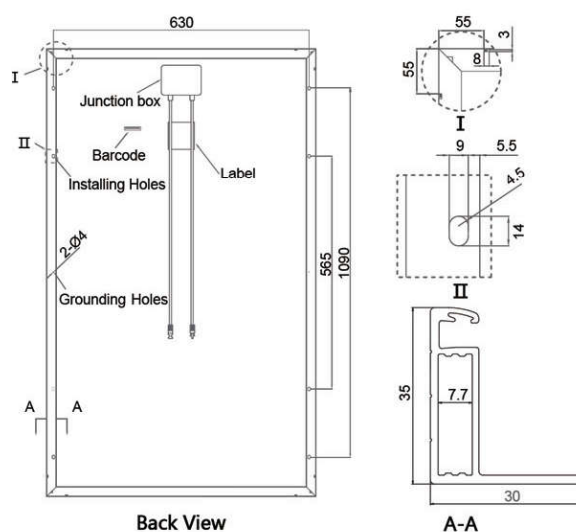
I-V Curves



Excellent performance under weak light condition.



Dimensions



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