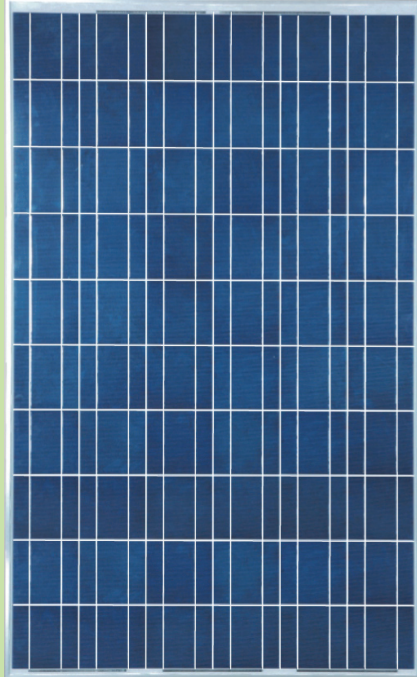




# e·VILLAGE®

## CS6P-170/180/190/200

e·Module



### KEY FEATURES

- 60 polycrystalline solar cells
- Unique frame design to reinforce sealing and to prevent freezing and warping
- Strong aluminum frames to strengthen the load hold and to stand against high wind
- Special mounting holes on the frames for long and short side mounting
- High transparency low iron tempered glass with enhanced stiffness and impact resistance
- Advanced EVA encapsulation system with multilayer backsheets to better protect modules

### CS6P-170/180/190/200

CS6P e-Module series is a medium-powered module product ideal for roof top or ground mounted on-grid solar power systems where long term economics (ROI), reliability and environmental issues are of a real concern.

CS6P e-Modules have gone through rigorous in-house reliability tests to guarantee their performance.

The silicon solar cells have high efficiency and stable performance in photovoltaic conversion. The cells are produced through advanced PECVD film forming and provides a dark blue silicon nitride anti-reflection film of homogenous color and attractive appearance.

### APPLICATIONS

- On and off-grid solar power stations
- Commercial, industrial, and government building roof-top systems
- Residential roof-top systems
- Other industrial and commercial applications

### LIMITED WARRANTY

- 25 years limited warranty on power output

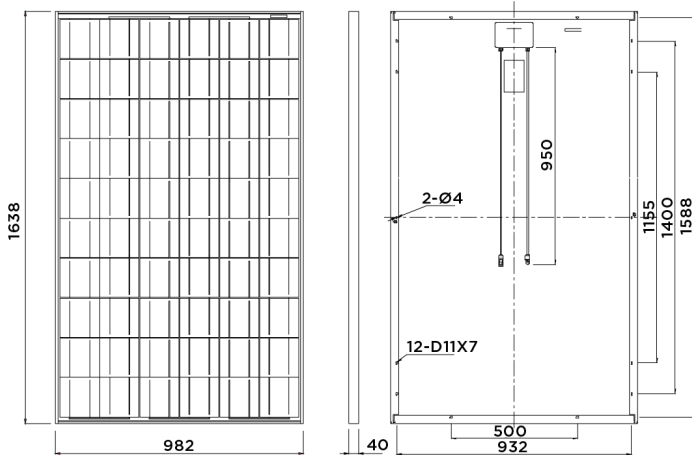
90% power output assurance for 10 years, and 80% power output assurance for 25 years. Please refer to warranty statement for warranty conditions in detail.

### CERTIFICATIONS

- UL1703, IEC61215 (Being certified), IEC61730 (Being certified)
- ISO 9001:2000, ISO/TS 16949:2002,



# MECHANICAL SPECIFICATIONS



Dimensions		
Length*Width*Depth	mm (in)	1638 x 982 x 40 (64.5 x 38.7 x 1.6)
Weight	kg (lbs)	18.5 (40.8)

Cells	
Cell Material	Polycrystalline
Number of Cells	60

# ELECTRICAL CHARACTERISTICS

## Electrical Performance

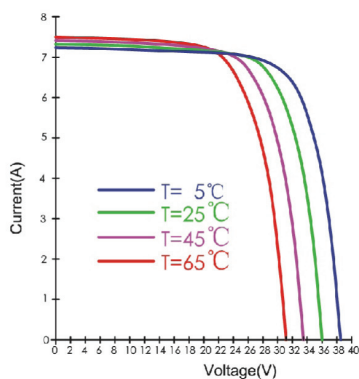
Under Standard Test Conditions (STC) of irradiance of 1000W/m<sup>2</sup>, spectrum AM 1.5 and cell temperature of 25°C

		CS6P-170	CS6P-180	CS6P-190	CS6P-200
Maximum Power	Pmax	170W	180W	190W	200W
Voltage at Maximum Power	Vmp	28.7V	28.7V	28.8V	28.9V
Current at Maximum Power	Imp	5.93A	6.26A	6.60A	6.93A
Open Circuit Voltage	Voc	35.8V	35.9V	36.0V	36.2V
Short Circuit Current	Isc	6.62A	6.98A	7.33A	7.68A
Maximum System Voltage		600V (UL)/1000V (IEC)			
Maximum fuse rating		15A			
Maximum load rating		5400Pa(112.78 lbf/ft <sup>2</sup> )			
Temperature Coefficient	Voltage (Voc)	-0.35 %/°C			
	Current (Isc)	0.060 %/°C			
	Max Power(PMax)	-0.45 %/°C			

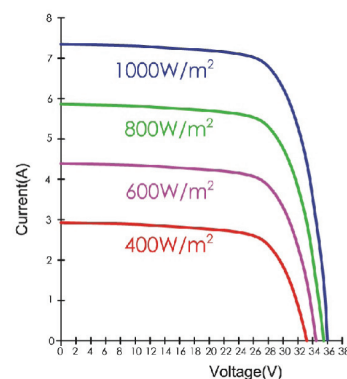
\*NOCT (Normal Operating Cell Temperature): 45°C

\*\*Module power tolerance: ±5W (approx. ±2.5%)

I-V Curves Under Different Temperatures, 1000W/m<sup>2</sup>



I-V Curves Under Different Irradiances ; AM 1.5 ; 25°C



**e·VILLAGE**<sup>®</sup>  
AUTHORIZED DEALER

E-Village Inc.

402 W. Broadway, Suite 402, San Diego, CA 92101

Phone: 619/255/4942 Email: moduleinfo@evillagesolar.com

www.evillagesolar.com

\*Specifications included in this datasheet are subject to change without prior notice.