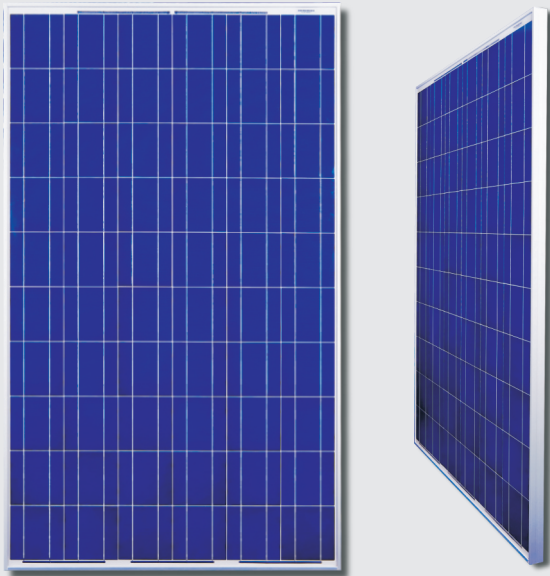


# CS6P

200/210/220/230/240



## Key Features

- Strong frame, passing mechanical load test of 5400Pa, instead of the normal 2400Pa, to withstand heavier snow load and higher wind-pressure
- Industry leading power tolerance :  $\pm 5W$  ( $\pm 2.1\%$ )
- 25 years performance warranty
- The 1st manufacturer in PV industry certified to ISO:TS16949 (The automotive quality management system, since 2003) in module production
- ISO17025 qualified manufacturer owned testing lab (pending), fully complying to IEC, TUV, UL testing standards

## On-grid Module

CS6P is a robust solar module with 60 solar cells. These modules can be used for on-grid solar applications. Our meticulous design and production techniques ensure a high-yield, long-term performance for every module produced. Our rigorous quality control and in-house testing facilities guarantee Canadian Solar's modules meet the highest quality standards possible.

## Applications

- On-grid residential roof-tops
- On-grid commercial/industrial roof-tops
- Solar power stations
- Other on-grid applications

## Quality Certificates

- IEC 61215, IEC 61730, TUV Safety Class II, UL 1703, CE
- ISO9001:2000: Standards for quality management systems
- ISO/TS16949:2002: The automotive quality management system
- QC080000 HSPM: The Certification for Hazardous Substances Regulations



# CS6P-200/210/220/230/240

## Electrical Data

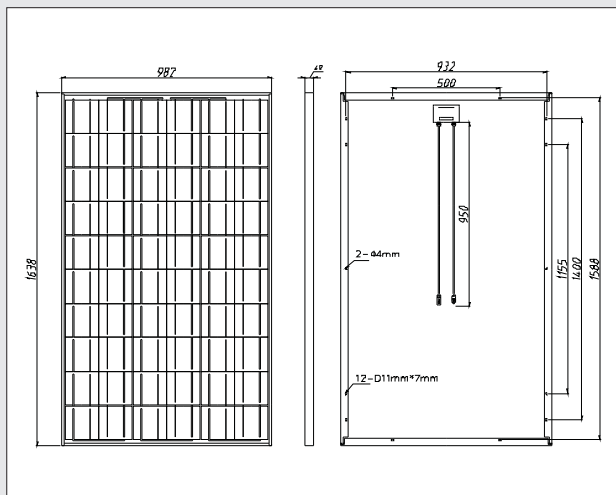
	CS6P-200	CS6P-210	CS6P-220	CS6P-230	CS6P-240
Nominal Maximum Power at STC (Pmax)	200W	210W	220W	230W	240W
Optimum Operating Voltage (Vmp)	28.9V	28.9V	29.3V	29.8V	30.4V
Optimum Operating Current (Imp)	6.93A	7.26A	7.52A	7.71A	7.91A
Open Circuit Voltage (Voc)	36.2V	36.4V	36.6V	36.8V	37.0V
Short Circuit Voltage (Isc)	7.68A	7.91A	8.09A	8.34A	8.61A
Operating Temperature	-40°C~+85°C				
Maximum System Voltage	1,000V (IEC) /600V (UL)				
Maximum Series Fuse Rating	15A				
Power Tolerance	±5W				
Temperature Coefficient	Pmax	-0.45%/°C			
	Voc	-0.35 %/°C			
	Isc	0.060 %/°C			
	NOCT	45°C			

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

## Mechanical Data

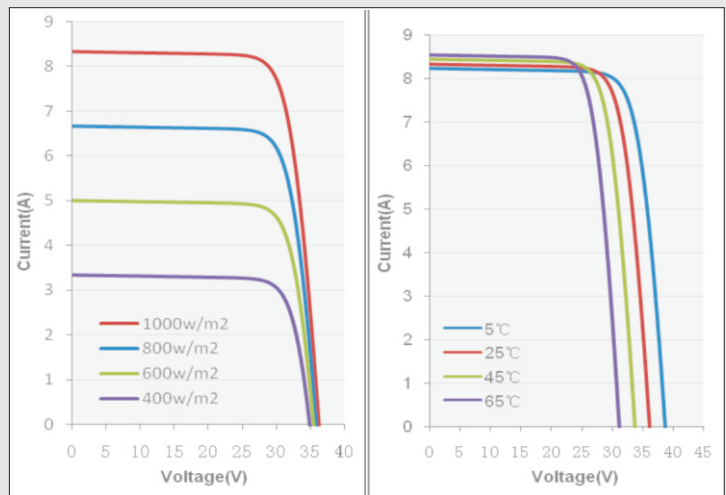
Cell Type	Poly-crystalline (Mono-crystalline)
Cell Arrangement	60 (6 x 10)
Dimensions	1638mm x 982mm x 40mm (64.5 x 38.7 x 1.6 in)
Weight	18.5kg (40.8 lbs)
Front Cover	Tempered glass
Frame Material	Anodized aluminium alloy
Packaging (Modules per Pallet)	20pcs

## Engineering Drawings



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

## I-V Curves



## About Canadian Solar

Canadian Solar is a vertically-integrated manufacturer of silicon ingots, wafers, cells, solar modules and custom-designed solar power applications. Canadian Solar was founded in Canada in 2001 and was successfully listed on NASDAQ Exchange (symbol: CSIQ) in November 2006.

By the end of 2008, Canadian Solar has a module capacity of over 600MW. With revenues over 709 million dollars in 2008, a 134% growth in revenue over 2007, Canadian Solar has become one of the fastest-growing companies in the solar industry.

Headquarters | 675 Cochrane Drive | East Tower 6th Floor  
 Markham, Ontario | Canada, L3R 0B8  
 Tel: +1-905-530-2334  
 Fax: +1-905-530-2001  
 inquire.ca@canadian-solar.com  
 www.canadian-solar.com