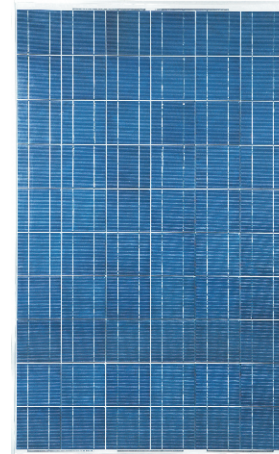


CSI Canadian Solar Inc.

CS6P-200/210/220/230/240

CS6P is uniquely designed to provide high-power output for both on-grid and off-grid solar power plants. It is also tailored for people looking for maximum power output in a very limited space on commercial, industrial and residential roof-top solar power systems.

CSI's 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 ensure CSI modules meet the highest quality standards possible.



KEY FEATURES

- **60 High-Efficiency Polycrystalline Solar Cells**
- **Special Aluminum Frame Design** - The specially treated frame aluminum substantially increases module endurance against high winds and snow load.
- **Reinforced Solar Glass** - The high-transparency low-iron tempered glass allows maximum light permeability while enhancing stiffness and impact resistance.
- **Advanced Cell Encapsulation** - The interconnected cells are embedded in ultra transparent EVA with multilayer backsheets for additional weather protection.
- **Optimized Module Surface Area** - The distance between the frame edge and the cell circuitry is calculated according to the electrical output optimization.

APPLICATIONS

- Large on and off-grid solar power stations
- Commercial / industrial building roof-top systems
- Residential roof-top systems
- Rural electrification
- Other industrial and commercial applications

CERTIFICATIONS

Module Certificates

- IEC 61215, IEC 61215 ed2, TUV Safety Class II, UL 1703, CE



Factory Certificates

- ISO 9001:2000, ISO/TS 16949:2002, QC 080000



* IEC 61215 Certified Models: CS6P-240P, CS6P-235P, CS6P-230P, CS6P-225P, CS6P-220P, CS6P-215P, CS6P-210P, CS6P-205P, CS6P-200P

* IEC 61215 ed2 Certified Models: CS6P-240P, CS6P-235P, CS6P-230P, CS6P-225P, CS6P-220P, CS6P-215P, CS6P-210P, CS6P-205P, CS6P-200P

* TUV Safety Class II Certified Models: CS6P-240P, CS6P-230P, CS6P-220P, CS6P-210P, CS6P-200P

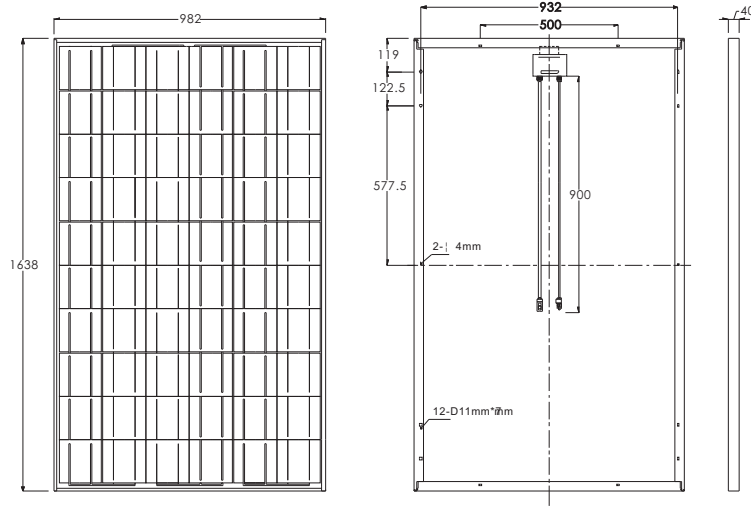
* UL 1703 Certified Models: CS6P-230, CS6P-225, CS6P-220, CS6P-215, CS6P-210, CS6P-205, CS6P-200

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.

CS6P-210/220/230

Mechanical Specifications



Dimensions		
Length*Width*Depth	mm	1638 x 982 x 40
	(in)	(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

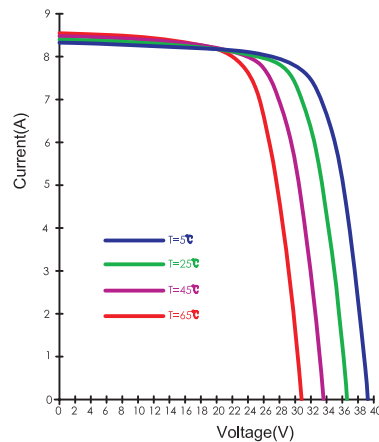
Under Standard Test Conditions (STC) of irradiance of 1000W/m², spectrum AM 1.5 and cell temperature of 25°C

		CS6P-200	CS6P-210	CS6P-220	CS6P-230	CS6P-240
Maximum Power	P _{max}	200W	210W	220W	230W	240W
Voltage at Maximum Power	V _{mp}	28.9V	28.9V	29.3V	29.8V	30.4V
Current at Maximum Power	I _{mp}	6.93A	7.26A	7.52A	7.71A	7.91A
Open Circuit Voltage	V _{oc}	36.2V	36.4V	36.6V	36.8V	37.0V
Short Circuit Current	I _{sc}	7.68A	7.91A	8.09A	8.34A	8.61A
Maximum System Voltage		1,000V(IEC)/600V(UL)				
Temperature Coefficient	Voltage (V _{oc})	-0.35 %/°C				
	Current (I _{sc})	0.060 %/°C				

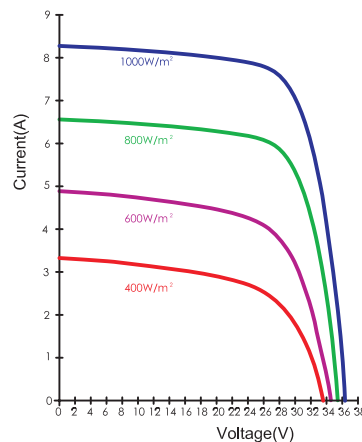
*NOCT (Normal Operating Cell Temperature): 45°C

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

I-V Curves Under Different Temperatures, 1000W/m



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



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



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