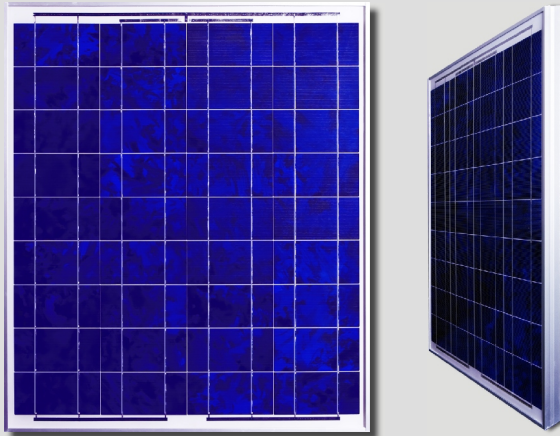


CS6D

50/55/60/65



Key Features

- 6 years product warranty (materials and workmanship); 25 years module power output warranty
- Strong framed module, passing mechanical load test of 5400Pa to withstand heavier snow load
- The 1st manufacturer in PV industry certified for ISO:TS16949 (The automotive quality management system) in module production since 2003
- ISO17025 qualified manufacturer owned testing lab, fully complying to IEC, TUV, UL testing standards

Off-grid Module

CS6D is a robust solar module with 36 solar cells. These modules can be used for off-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

- Power supply for remote telecommunication equipment
- Traffic, security environment, and other remote monitoring and signaling systems
- Water pumping systems
- Rural area applications
- Other off-grid applications

Quality Certificates

- IEC61215, IEC61730, UL1703, CE
- ISO9001:2000: Standards for quality management systems
- ISO/TS16949:2002: The automotive quality management system
- QC080000 HSPM: The Certification for Hazardous Substances Regulations



CS6D-50/55/60/65

Electrical Data

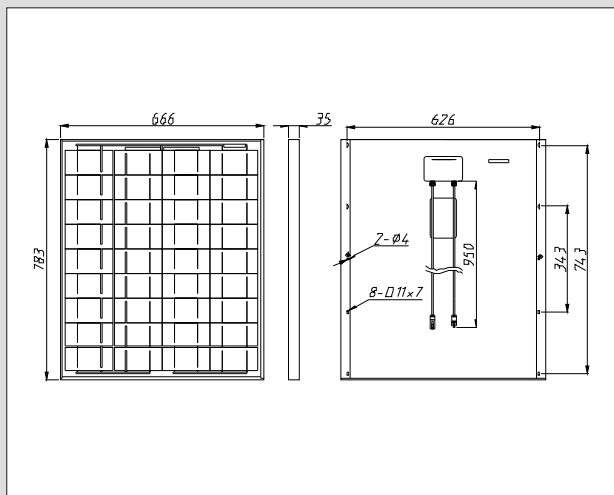
	CS6D-50P CS6D-50M	CS6D-55P CS6D-55M	CS6D-60P CS6D-60M	CS6D-65P CS6D-65M
Nominal Maximum Power at STC (Pmax)	50W	55W	60W	65W
Optimum Operating Voltage (Vmp)	17.2V	17.3V	17.4V	17.6V
Optimum Operating Current (Imp)	2.90A	3.18A	3.46A	3.70A
Open Circuit Voltage (Voc)	21.5V	21.6V	21.7V	22V
Short Circuit Current (Isc)	3.16A	3.45A	3.72A	3.96A
Operating Temperature	-40°C~+85°C			
Maximum System Voltage	1,000V(IEC)/600V(UL)			
Maximum Series Fuse Rating	10A			
Power Tolerance	10%			
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/m², spectrum AM 1.5 and cell temperature of 25°C

Mechanical Data

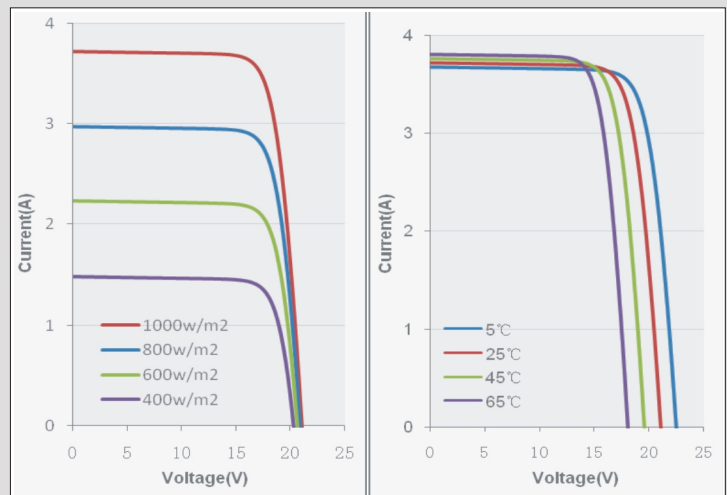
Cell Type	Poly-crystalline / Mono-crystalline
Cell Arrangement	36(4*9)
Dimensions	783x666x35mm(30.8x26.2x1.4 in)
Weight	12.0kg(26.5 lbs)
Front Cover	Tempered glass
Frame Material	Anodized aluminum alloy
Standard packaging (Modules per Pallet)	30pcs

Engineering Drawings



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

I-V Curves (CS6D-60P)



About Canadian Solar

Canadian Solar is a vertically-integrated manufacturer of 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 revenue of 709.2 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.

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