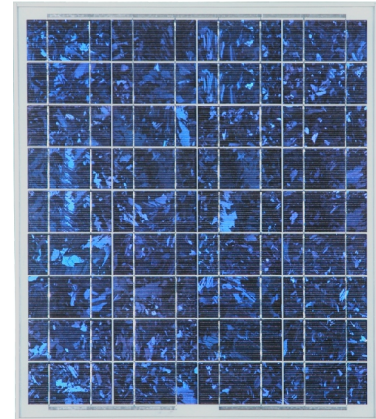




# Canadian Solar Inc.

## CS6D-60/65

CS6D is designed for powering remote telecommunication equipment, information monitoring systems and other industrial equipments in off-grid areas or when stand-alone power system is more cost effective.



### KEY FEATURES

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- 36 high-efficiency polycrystalline solar cells
- Strong, lightweight aluminum frame design with reinforced sealing to prevent freezing
- High-transparency low-iron tempered glass with enhanced stiffness and impact resistance
- Advance EVA encapsulation system with multilayer backsheets to better protect modules

### APPLICATIONS

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- Power supply for remote telecommunication equipment
- Monitoring systems for the oil & gas industry
- Traffic, security, environment, and other remote monitoring and signaling systems
- Water pumping systems
- Rural electrification
- Small home power systems
- 12V and 24V battery charging system
- Other industrial and consumer applications

### CERTIFICATIONS

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#### Module Certificates

- UL 1703, CE

#### Factory Certificates

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



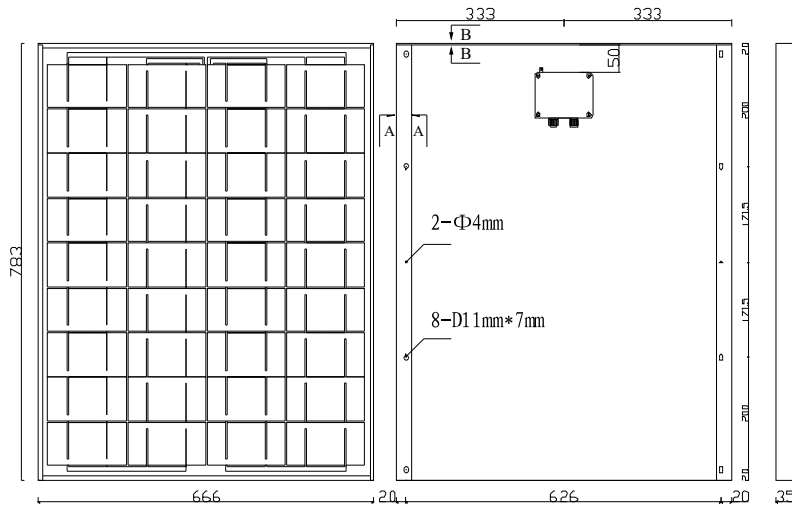
\* UL 1703 Certified Models: CS6D-65, CS6D-60, CS6D-55, CS6D-45

### LIMITED WARRANTY

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- 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.

## Mechanical Specifications



Dimensions		
Length*Width*Depth	mm	783×666×35
	(in)	(30.8×26.2×1.4)
Weight	kg (lbs)	12.0 (26.5)

Cells	
Cell Material	Polycrystalline
Number of Cells	36

## 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

		CS6D-60	CS6D-65
Maximum Power	Pmax	60W	65W
Voltage at Maximum Power	Vmp	17.2V	17.2V
Current at Maximum Power	Imp	3.49A	3.78A
Open Circuit Voltage	Voc	21.6V	21.6V
Short Circuit Current	Isc	3.79A	4.10A
Maximum System Voltage			
Temperature Coefficient	Voltage (Voc)		
	Current (Isc)		

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

\*\*Module power tolerance: ±5W (approx. ±10%)

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