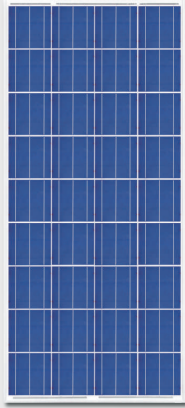


# CS6C-145/150P



## Applications

- Power supply for remote telecommunication equipment
- Traffic, security environment, and other remote monitoring and signaling systems
- Water pumping systems
- Rural electrification
- 12V battery charging system
- Other off-grid applications

## Module Data

	CS6C-145P	CS6C-150P
Nominal Maximum Power at STC (P <sub>max</sub> )	145W	150W
Optimum Operating Voltage (V <sub>mp</sub> )	17.9V	18.1V
Optimum Operating Current (I <sub>mp</sub> )	8.09A	8.30A
Open Circuit Voltage (V <sub>oc</sub> )	22.2V	22.3V
Short Circuit Current (I <sub>sc</sub> )	8.65A	8.87A
Operating Temperature	-40°C~+85°C	
Maximum System Voltage	50V	
Power Tolerance	±3%	
NOCT	45±2°C	
Number of Cells	Poly-crystalline 36(4x9)	
Dimensions	1485x666x25mm (58.4x26.2x1.0in)	
Weight	11kg(24.3lbs)	
Frame Material	Anodized aluminum alloy	
Front Cover	Tempered glass	
Packaging (Modules per Pallet)	36pcs	
Warranty	5 years product warranty (materials and workmanship), 25 years module power output warranty	

Under Standard Test Conditions (STC) of irradiance of 1000W/m<sup>2</sup>, spectrum AM 1.5 and cell temperature of 25°C  
 \*Specifications included in this datasheet are subject to change without prior notice.

As there are different certification requirements in different markets, please contact your sales representative for the specific certificates applicable to your products. The specification and key features described in this Datasheet may deviate slightly and are not guaranteed. Due to on-going innovation, research and product enhancement, Canadian Solar Inc. reserves the right to make any adjustment to the information described herein at any time without notice. Please always obtain the most recent version of the datasheet which shall be duly incorporated into the binding contract made by the parties governing all transactions related to the purchase and sale of the products described herein.

## Off-grid Module

CS6C is a robust off-grid solar module with 36 solar cells. 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.

## Comprehensive Certificates

- IEC 61215, IEC 61730, UL1703, CE, MCS and INMETRO
- ISO9001: 2008: Quality Management System
- ISO/TS16949:2009: The automotive quality management system
- ISO14001:2004: Standards for Environmental management system
- QC080000 HSPM: The Certification for Hazardous Substances Regulations
- OHSAS 18001:2007 International standards for occupational health and safety



## Engineering Drawings

