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.

**Best Quality**
- 235 quality control points in module production
- EL screening to eliminate product defects
- Current binning to improve system performance
- Potential-Induced Degradation (PID) free
- Accredited Salt mist/Ammonia resistant
- Top performance by PVUSA Test Conditions (PTC) rating

**Best Warranty Insurance**
- 25 years worldwide coverage
- 100% warranty term coverage
- Providing third party bankruptcy rights
- Non-cancellable
- Immediate coverage
- Insured by 3 world top insurance companies

**Comprehensive Certificates**
- IEC 61215, IEC 61730, IEC61701 ED2, UL1703, IEC62716, KEMCO, CEC Listed, CE, JET and MCS
- 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
- REACH Compliance

**Key Features**
- High module efficiency up to 15.85%
- Positive power tolerance: 0 ~ +5W
- Robust frame to up to 5400 Pa load
- Anti-reflective with self-cleaning surface
- Outstanding performance at low irradiance
- High energy yield at Low NOCT

- Backed By Our New 10/25 Linear Power Warranty Plus our added 25 year insurance coverage
- 10 year product warranty on materials and workmanship
- 25 year linear power output warranty

www.canadiansolar.com
Electrical Data

<table>
<thead>
<tr>
<th>STC</th>
<th>CS6P-235P</th>
<th>CS6P-240P</th>
<th>CS6P-245P</th>
<th>CS6P-250P</th>
<th>CS6P-255P</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nominal Maximum Power (Pmax)</td>
<td>235W</td>
<td>240W</td>
<td>245W</td>
<td>250W</td>
<td>255W</td>
</tr>
<tr>
<td>Optimum Operating Voltage (Vmp)</td>
<td>29.8V</td>
<td>29.9V</td>
<td>30.0V</td>
<td>30.1V</td>
<td>30.2V</td>
</tr>
<tr>
<td>Optimum Operating Current (Imp)</td>
<td>7.90A</td>
<td>8.03A</td>
<td>8.17A</td>
<td>8.30A</td>
<td>8.43A</td>
</tr>
<tr>
<td>Open Circuit Voltage (Voc)</td>
<td>36.9V</td>
<td>37.0V</td>
<td>37.1V</td>
<td>37.2V</td>
<td>37.4V</td>
</tr>
<tr>
<td>Short Circuit Current (Isc)</td>
<td>8.46A</td>
<td>8.59A</td>
<td>8.74A</td>
<td>8.87A</td>
<td>9.00A</td>
</tr>
<tr>
<td>Module Efficiency</td>
<td>14.61%</td>
<td>14.92%</td>
<td>15.23%</td>
<td>15.54%</td>
<td>15.85%</td>
</tr>
</tbody>
</table>

Temperature Coefficient
- Pmax: -0.43%/°C
- Voc: -0.34%/°C
- Isc: 0.065%/°C

Normal Operating Cell Temperature: 45 ±2 °C

Performance at Low Irradiance
Industry leading performance at low irradiation environment, +95.5% module efficiency from an irradiance of 1000W/m² to 200W/m² (AM 1.5, 25 °C)

Mechanical Data
- Cell Type: Poly-crystalline 156 x 156mm, 3 or 4 Busbars
- Cell Arrangement: 60 (6 x 10)
- Dimensions: 1638 x 982 x 40mm (64.5 x 38.7 x 1.57in)
- Weight: 19kg (41.9 lbs)
- Front Cover: 3.2mm Tempered glass
- Frame Material: Anodized aluminium alloy
- J-BOX: IP65 or IP67, 3 diodes
- Cable: 4mm² (IEC)/12AWG (UL), 1000mm
- Connectors: MC4 or MC4 Comparable
- Standard Packaging (Modules per Pallet): 24pcs
- Module Pieces per container (40 ft. Container): 672pcs (40'HQ)

I-V Curves (CS6P-255P)

About Canadian Solar
Canadian Solar Inc. is one of the world’s largest solar companies. Canadian Solar was founded in Canada in 2001 and was successfully listed on NASDAQ Exchange (symbol: CSIQ) in November 2006. Canadian Solar has cell manufacturing capacity of 1.6GW and module manufacturing capacity of 2.4GW.

*About Canadian Solar*