



Canadian Solar, Inc.

Welcome groSolar Team

August 3, 2011



CanadianSolar

COMMITMENT | QUALITY | VALUE

Safe Harbor

Certain statements in this presentation including statements regarding expected future financial and industry growth are forward-looking statements that involve a number of risks and uncertainties that could cause actual results to differ materially. These statements are made under the "Safe Harbor" provisions of the U.S. Private Securities Litigation Reform Act of 1995. In some cases, you can identify forward-looking statements by such terms as "believes," "expects," "anticipates," "intends," "estimates," the negative of these terms, or other comparable terminology. Factors that could cause actual results to differ include general business and economic conditions and the state of the solar industry; governmental support for the deployment of solar power; future shortage or availability of the supply of high-purity silicon; demand for end-use products by consumers and inventory levels of such products in the supply chain; changes in demand from significant customers, including customers of our silicon materials sales; changes in demand from major markets such as Germany; changes in customer order patterns; changes in product mix; capacity utilization; level of competition; pricing pressure and declines in average selling prices; delays in new product introduction; continued success in technological innovations and delivery of products with the features customers demand; shortage in supply of materials or capacity requirements; availability of financing; exchange rate fluctuations; litigation and other risks as described in the Company's SEC filings, including its annual report on Form 20-F originally filed on June 8, 2009. Although the Company believes that the expectations reflected in the forward looking statements are reasonable, it cannot guarantee future results, level of activity, performance, or achievements. You should not place undue reliance on these forward-looking statements. All information provided in this press release is as of today's date, unless otherwise stated, and Canadian Solar undertakes no duty to update such information, except as required under applicable law.

Canadian Solar History

Founded in 2001

- Founded and incorporated in Canada
- First product: Car battery charger for Volkswagen
- Listed on NASDAQ in 2006
- Headquarters in Ontario, Canada
- Manufacturing facilities in North America and China

Canadian Solar: World-Class Leader

One of the world's largest solar companies



U.S. Offices in San Francisco Bay area

Canada

US

Spain

Germany

Italy

China

Korea

Japan

A vertical strip on the left side of the slide shows a scenic landscape. At the top, there's a blue sky with a few white clouds. Below that, a green mountain range stretches across the horizon. In the foreground, a calm blue lake reflects the sky and mountains. A wooden canoe is partially visible in the bottom left corner, with its oars resting on the water.

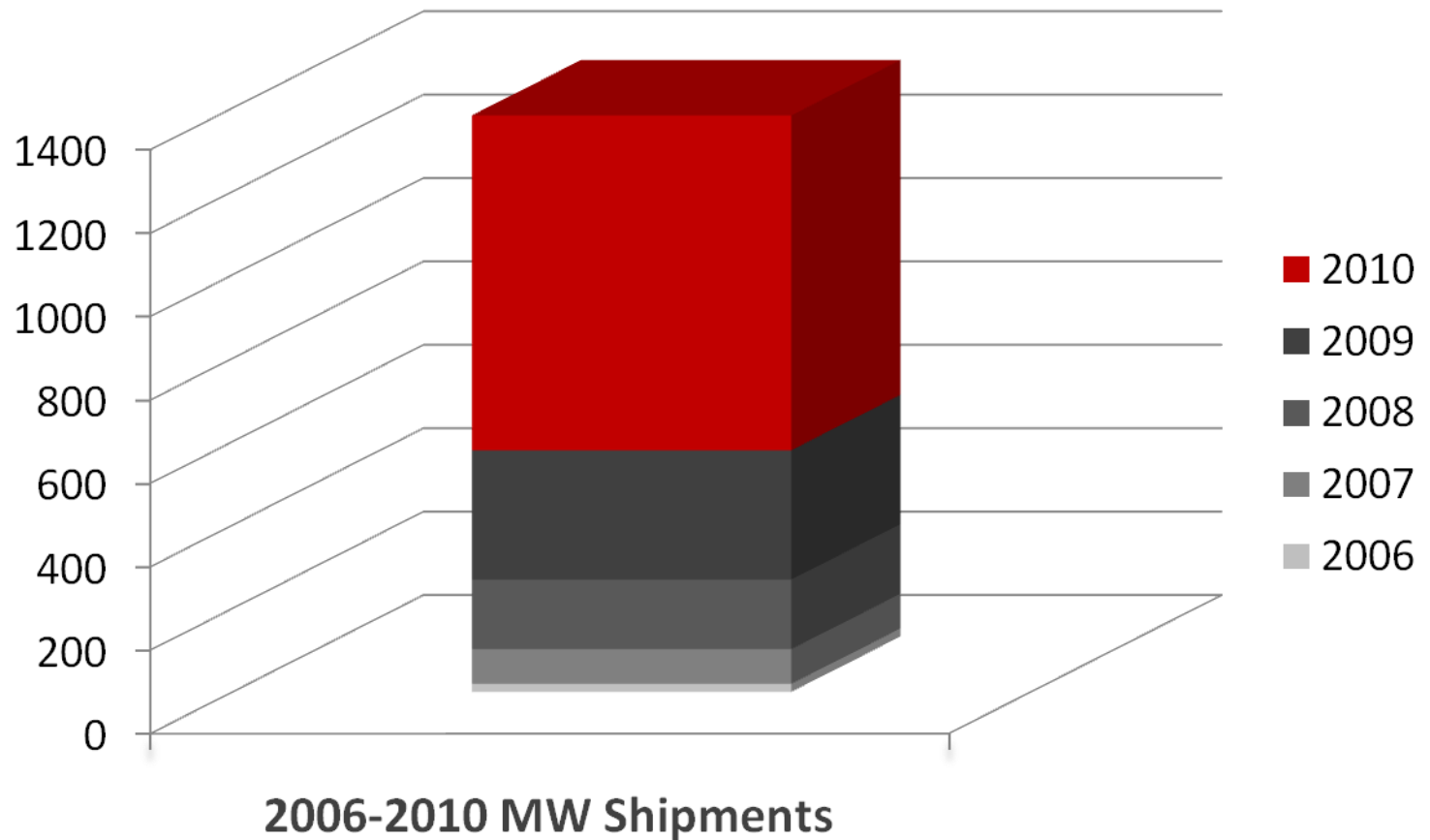
Canadian Solar: World Class Leader

A company you can rely on

- Among the top vertically-integrated manufacturers in the world producing silicon ingots, wafers, photovoltaic cells, solar modules and solar power systems
- 6th largest solar manufacturer in the world
- 2 GW of module manufacturing capacity
- 2010 Revenues: \$1.5 Billion

Track Record Of Growth

Quality, Innovation & Value



Recognized For Quality

- ISO17025 certified manufacturer owned testing lab, fully complying to UL, ETL, IEC, TUV testing standards
- DIN ENISO 9001: 2006
(Standards for quality management systems)
- QC08000 HSPM(Certification for Hazards Substances Regulations)
- The 1st manufacturer introducing ISO:TS 16949 (automotive industry quality control standard) to meet rigorous quality standards



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Canadian Solar Double Protection

Warranty

10 year product and 25 year performance warranty

- Covering products defects, serial defects, and output production

Matching warranty insurance

- Nothing for customers to sign or acknowledge
- Claim process remains the same
- Backed by investment grade carriers
- Non-cancellable



Innovation

Leadership in product innovation

- Eco-friendly e-Module: Requires 85% less energy to produce
- Residential cost-cutter: NewEdge rail-free Zep compatible module
- ELPS (Efficient Long Term Photovoltaic Solution): Increased mono cell efficiency to 19.5% and poly to 18%
- Disruptive new technology: Smart module (2012)

San Jose International Airport, USA



Location: California, USA
Module: CS5P-M

System Size: 1.12 MW
Activated: June 2010

Residential, USA



Location: Georgia, USA
Module: CS6P-P

System Size: 4.8 kW
Activated: Feb. 2010

Solar Plant in Italy (4th largest in world)



Location: Rovigo, Italy


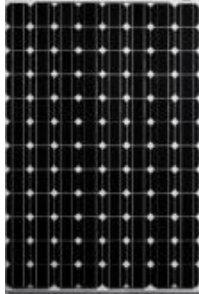






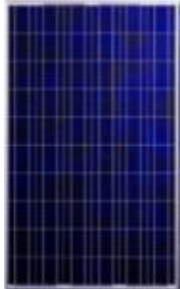

Module: CS6P-P

Note: Several module manufacturers supplied this project.

System Size: 70 MW

Activated: November 2010

World-Class Product Line: High Power Efficiency & Durability

CS5P Polycrystalline	CS5P Monocrystalline	CS5A Polycrystalline	CS5A Monocrystalline	MaxPower CS6X Avail: Poly/Mono
				
CS6P Polycrystalline	CS6P Monocrystalline	CS5A All Black Module	CS6P e-Module	NewEdge CS6P-PX Poly/Mono
				

CS6P: Flagship Product



Key Features

- Top ranked PVUSA (PTC) rating for higher energy production
- 6 year product and 25 year power output warranty
- Industry-leading low plus only power tolerance (+5 W / +2%)
- Strong frame module withstanding 5400 pa mechanical load
- Ultra reliable in corrosive atmosphere verified by IEC61701 “Salt Mist Corrosion Testing”
- First manufacturer in PV industry for automotive quality certification ISO:TS16949
- Double protection with additional investment grade worldwide liability insurance matching Canadian Solar’s standard warranty terms

CS6P-PX: NewEdge

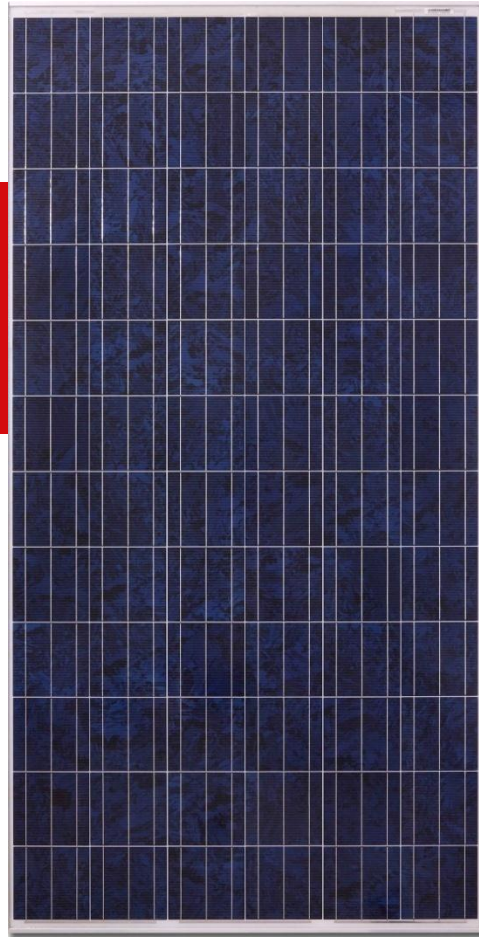


Key Features

- Top rated for PTC Efficiency
- Plus only power tolerances: 0/+5 Watts
- Rail-less Installation reduces install time and costs
- New standard for safety with Zep mounting system's hyper-bonded grounding matrix
- Auto leveling and alignment
- Theft resistant
- 6 year product, 25 year performance warranty
- Double protection with additional investment grade liability insurance matching Canadian Solar's standard warranty
- Ultra reliable in corrosive atmosphere verified by IEC61701 "Salt Mist Corrosion Testing"
- First manufacturer in PV industry for automotive quality certification ISO:TS16949



Canadian Solar MaxPower CS6X



The new Canadian Solar MaxPower CS6X-PX and CS6X-MX modules are among the industry's largest solar modules. MaxPower meets market demand for a high quality utility scale PV module offering the recognized performance that has become the trademark of Canadian Solar.

MaxPower™ CS6X-PX

- 72 cells of 6" poly, 260W-280W
- High performance for utility or commercial application
- Industry-leading low plus only power tolerance 0~+1.8%
- Heavy duty frame with center support withstanding mechanical load to 5400pa
- IEC 61215/IEC 61730, CE, ISO9001:2008, ISO/TS16949: 2009, QC080000 HSPM

Industry Leading Products

Strong-framed modules

5400pa mechanical load (x2+ Standard)

Most peers:
2400 Pa



Canadian Solar:
5400 Pa



Industry leading Plus Only Power Tolerances

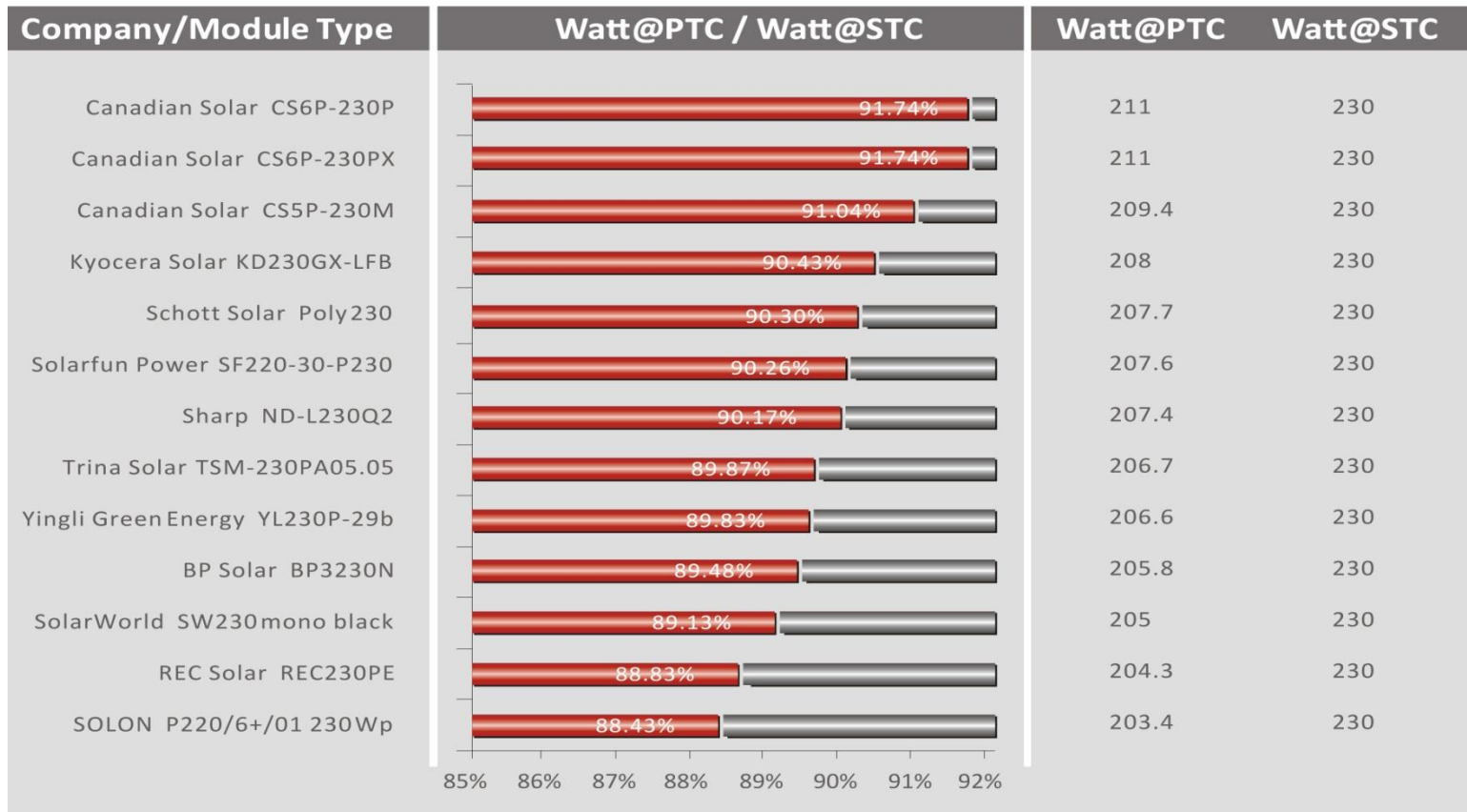
Reliable Power Output: Nameplate Power And More

- 0/+5 Watts
- More power/\$ for your modules
- Delivering higher return on your solar investment



Consistent Lead: PVUSA (PTC) Ratings

Higher PTC rating: more energy production & rebate dollars



Canadian Solar modules are top performers among modules listed on CEC site



Summary

- Top 6 worldwide manufacturer
- Tradition for quality provides exceptional value and peace of mind
- PTC & plus only power tolerance translate to more value per watt purchased
- Quality, innovation and value = market choice

Thank You

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