

**A LEADING
SOLAR SOLUTIONS
PROVIDER**



COMPANY OVERVIEW



FOUNDED 2001
IN ONTARIO



OVER
20,000 EMPLOYEES



118GW OF SOLAR MODULES SHIPPED,
WITH 27GW PROJECTS IN PIPELINE



MORE THAN 2,000
GLOBAL PATENT LICENSES



2023 FULL YEAR REVENUE
\$7.6 BILLION



MOST RECOMMENDED
SOLAR COMPANY BY
CUSTOMERS WORLDWIDE*

A WORLD-CLASS POWER SOLUTIONS COMPANY

Chairman and President Dr. Shawn Qu founded Canadian Solar in 2001 with a bold vision: to foster sustainable development and to make lives better by bringing electricity powered by the sun to millions of people worldwide. Over 20,000 dedicated employees of Canadian Solar (NASDAQ: CSIQ) strive each day to make this vision a reality.

The company's two main lines of business are: (i) the manufacturing and sale of solar products and services, and (ii) the development, construction and sale of solar PV projects, working with both build-to-sell and build-to-hold business models. Over 118GW of our solar modules have been installed so far, enough to provide clean, green power to an average of 28 million households.

Our products are in operation in more than 160 countries, giving us a truly global reach. These achievements put us at the forefront of making solar power competitive and mainstream.

Customers choose Canadian Solar because we deliver the best-possible value. Our wafers, cells, and modules combine superior quality with market-leading cost structures. And our solar projects consistently achieve the highest production values and returns on investment. We currently have more than 27.3GWp of projects in our pipeline worldwide and in energy storage project development with over 55GWh of aggregate pipeline, which is uniquely positioned to provide complete turnkey solar solutions. By bundling services for the entire project life cycle—feasibility study, permitting, engineering, procurement, construction, and maintenance—we can significantly reduce complexity and cost for industrial and commercial customers.



Dr. Shawn Qu
Chairman and CEO



Yan Zhuang
President and
Chief Operating Officer



Thomas Körner
Corporate Sr. Vice President, Global
Sales, Module and System Solutions

*According to IHS Markit Customer Insight Survey 2016

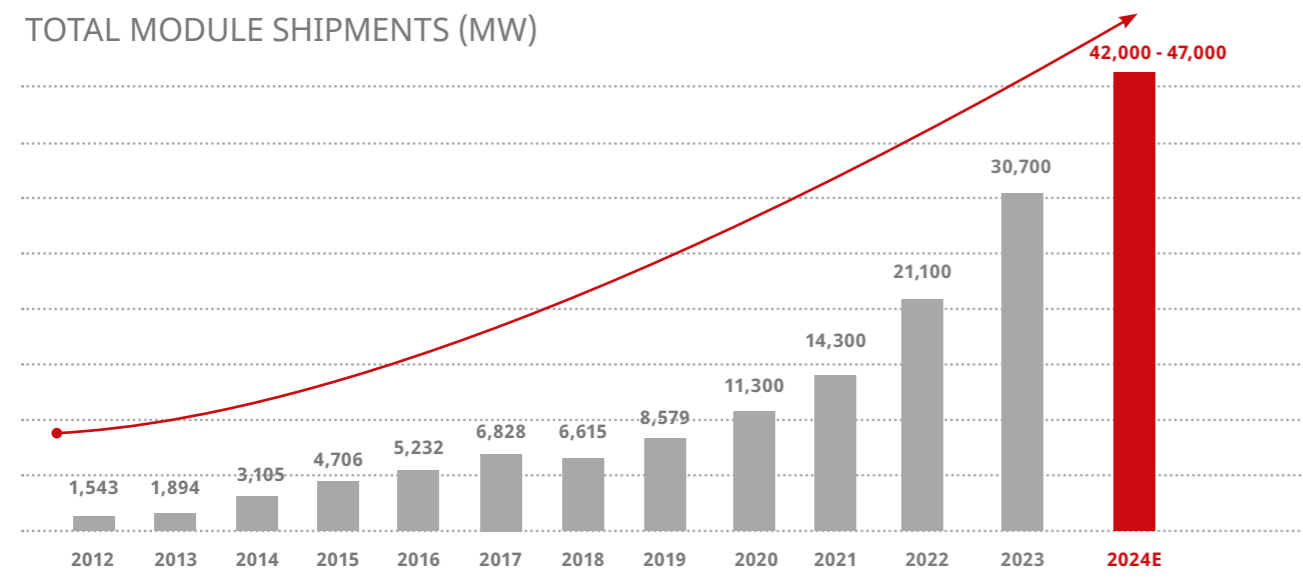
CANADIAN SOLAR EXISTS TO MAKE THE DIFFERENCE.



COMPANY FACTS

CANADIAN SOLAR HAS BEEN MAKING THE DIFFERENCE FOR 23 YEARS BY BRINGING A TOTAL OF MORE THAN 118GW OF SOLAR CAPACITY TO OUR CUSTOMERS WORLDWIDE.

TOTAL MODULE SHIPMENTS (MW)



BUSINESS MODEL OVERVIEW

CANADIAN SOLAR'S CORE BUSINESS



Silicon Production

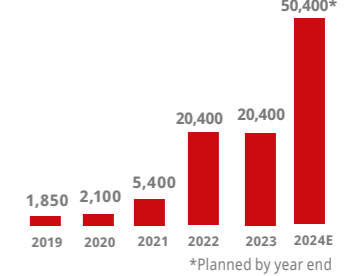


Ingots

Mono- & Polycrystalline

CSI Solar plans to build a facility with an annual capacity of approximately 50,000 tons of high-purity polysilicon later in 2022 and the facility is expected to commence production in mid-2024.

MANUFACTURING CAPACITY (MW)

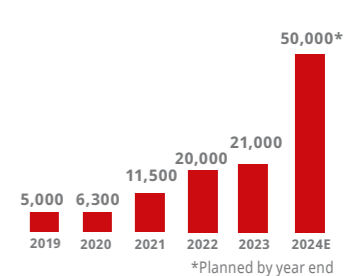


Wafers

Mono- & Polycrystalline

As modules with larger wafers were gaining market share quickly, we continued to launch high power modules with both 182 mm wafers for residential market and 210 mm wafers for large-scale projects.

MANUFACTURING CAPACITY (MW)

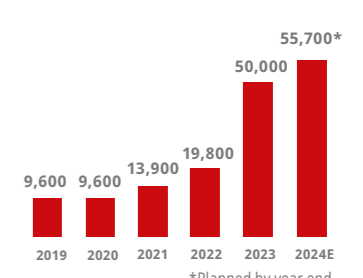


PV Cells

Mono- & Polycrystalline

A new research and production pilot line for Heterojunction ("HJT") solar cells and modules, and the development of TOPCon technology, which uses in-house developed N-type mono-silicon ingots and wafers.

MANUFACTURING CAPACITY (MW)

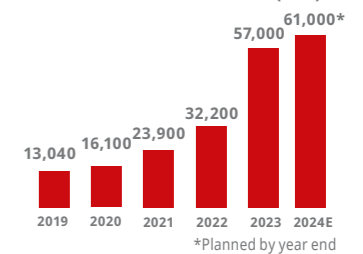


PV Modules

Mono- & Polycrystalline

In March 2024, Canadian Solar announced its partnership with Sol Systems, a leading renewable energy company based in Washington, D.C., to scale new solar module production and procurement in the United States.

MANUFACTURING CAPACITY (MW)



Systems and Solutions

String inverters, MV stations, connectors, and residential energy storage solutions.



Energy Storage Solutions

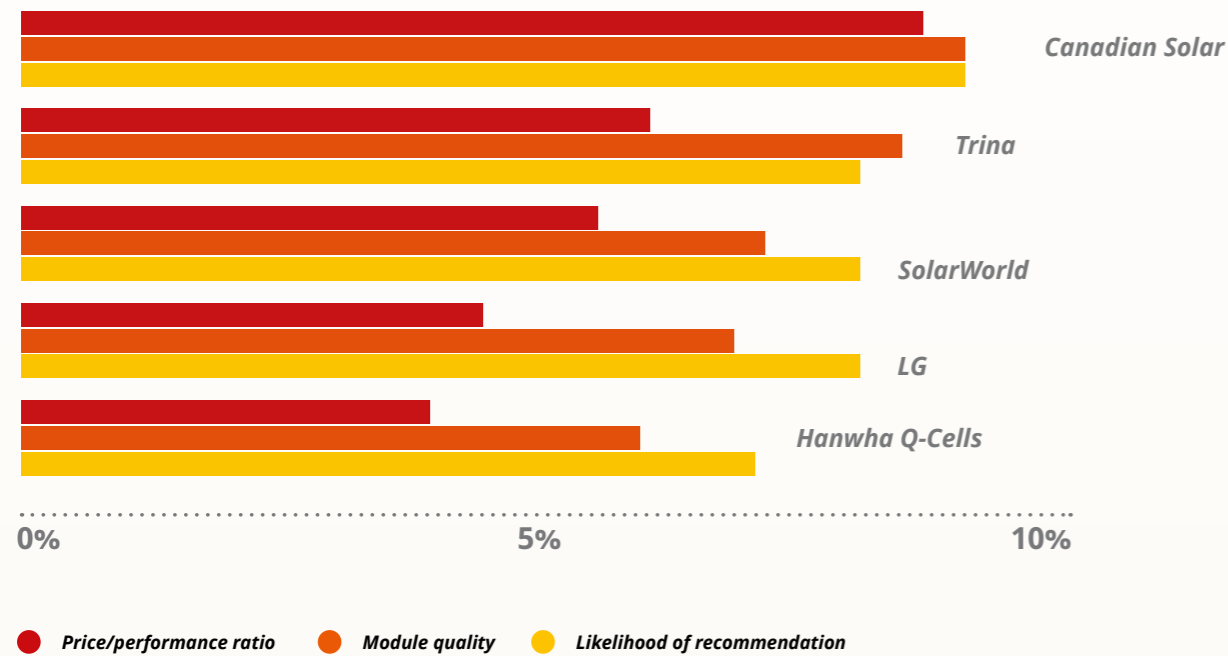
The battery storage solutions team provides customers with competitive turnkey, integrated battery storage solutions, including bankable and fully wrapped capacity and performance guarantees.

ONE OF THE MOST BANKABLE SOLAR COMPANIES WORLDWIDE

TOP BRAND FOR PRICE/PERFORMANCE RATIO & HIGHEST MODULE QUALITY

VERIFIED BY IHS

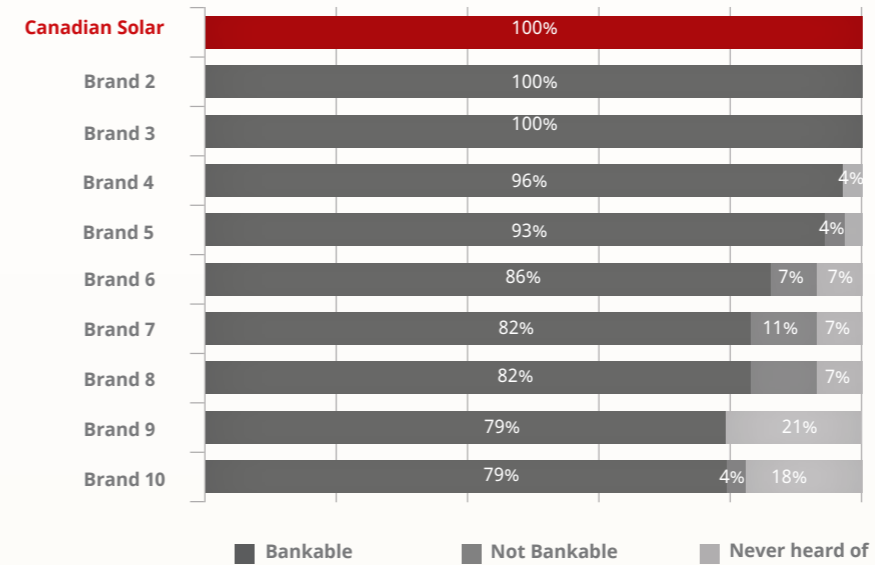
Brand for price/performance ratio, Highest module quality verified by IHS. Canadian Solar was confirmed as the module brand with the best price/performance ratio, the highest module quality and the highest likelihood of being recommended.



IHS Markit* Source: IHS PV Module Customer Insight Survey 2016

WORLD LEADING BANKABLE BRAND

BLOOMBERGNEF'S PV MODULE BANKABILITY SURVEY RESULTS, TOP 10, 2022



BloombergNEF

No. 1 of Tier 1 Solar Panel Manufacturer in the world



Top A-Rated bankable PV module supplier



*100% of respondents surveyed by BloombergNEF considered Canadian Solar's modules bankable. Respondents include banks, funds, EPC contractors, independent power providers (IPPs) and technical advisors. The survey based on the respondents' perception, not BNEF



STRONG LOCAL SALES AND PROJECT TEAM

MULTI-FACETED, MULTI-CULTURAL, MULTI-TALENTED

The headquarter of Canadian Solar's energy and sales business in Australia is in Melbourne. Those highly skilled and motivated employees within our Australian team encompass all relevant functions: project development, sales including key accounts and regional sales, business development, finance, technical, marketing, operations and legal affairs. With all this talent in-house, we can offer our customers the full range of services, from presale consultation and system design to after-sale service and training.

Moreover, our team brings together people of more than 10 different nationalities, ensuring that we have the cultural competence to understand and serve customers across Australia. This rich diversity also makes our Melbourne office a great place to work.

MISSION



Lead the energy revolution and create a bright future together!

VISION



Power the world with solar energy and create a better and cleaner earth for future generations.

CORE VALUES



BALANCE



PLAY



RESPECT



UNITY

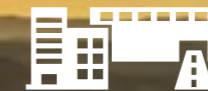
AUSTRALIA OVERVIEW



BEGAN BUSINESS IN AUSTRALIA IN 2011



AUSTRALIA HQ IN MELBOURNE



4 OFFICES, 5 WAREHOUSES IN AUSTRALIA



MOST RECOMMENDED SOLAR COMPANY



EXTENSIVE EXPERIENCE AND EXPERTISE ACROSS ALL FUNCTIONS



50+ LOCAL EXPERTS SERVING ALL

*ACCORDING TO IHS MARKIT

QUALITY AND SERVICE

ROBUST CONSTRUCTION IN ACCORDANCE WITH THE HIGHEST QUALITY STANDARDS GIVES OUR SOLAR PANELS OUTSTANDING LONGEVITY



**478 QUALITY POINTS
PROVIDE YOUR
SYSTEMS OUTSTANDING
LONGEVITY**

Solar projects typically have a designed operating lifetime of 25 years. Our products have the longevity to meet these demands. We conduct rigorous in-house testing in our own laboratories to ensure durability and regularly submit our products to the world's leading independent testing institutes, including the Fraunhofer Society and TÜV Labs. We've adapted the stringent quality-management systems of the automotive industry to PV manufacturing and check every one of our products at 478 different points along the manufacturing process to ensure their quality. And we comply with a wide range of internationally recognised standards for quality and environmental management.

QUALITY CONTROL MEETS HIGHEST INTERNATIONAL AND AUSTRALIAN STANDARDS



*Relax, we've got
you covered!*



**POWER
PERFORMANCE
WARRANTY**

Canadian Solar is committed to continually developing high quality products that you can trust. On top of our industry leading R&D team, designing innovative solar PV modules, we have stringent quality control criteria to ensure that Canadian Solar products consistently exhibit the exceptional quality we are renowned for.

With 478 quality control points across all areas of the product realisation process, from the incoming material inspection to delivery, Canadian Solar stands out in the

solar industry; continually developing new and more efficient technology without compromising on the panel quality.

These quality control points are consistently applied in all of our factories globally, so that our customers can be sure that no matter where they are, their Canadian Solar panels uphold our commitment to reliability and excellence.

NEWEST TECHNOLOGY

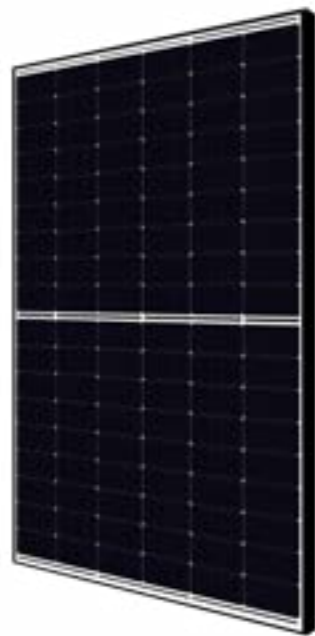
12 years 25 years 30 years*

INTRODUCING OUR LATEST N-TYPE MODULE PORTFOLIOS

TOPHiKu6 CS6R-T



25 years 30 years*

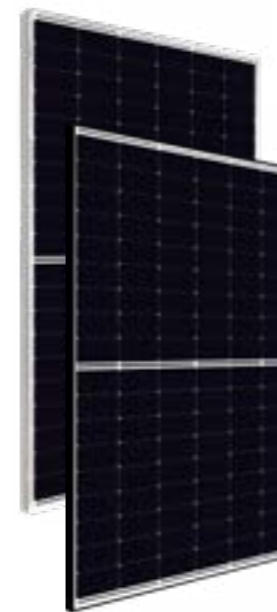


TOPCon 108 cells: 440W, up to 450W,
Efficiency: up to 23%

- N-Type TOPCon technology
- Perfect for residential application
- High energy yield and low power degradation
- 25-year product warranty*
30-year power performance warranty*

INDUSTRY LEADING DUAL-CELL, BIFACIAL, HJT & TOPCON WAFER MODULES

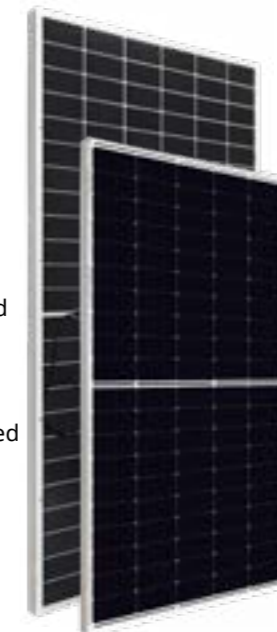
TOPHiKu6 CS6.1-54TD / CS6.1-60TM



TOPCon 108 cell: 470W,
Efficiency: 23%
TOPCon 120 cell: 525W,
Efficiency: 23.2%

- N-Type TOPCon technology
- Perfect for residential and commercial applications
- Lower operating temperature and advanced low-light performance
- 30-year power performance warranty*

TOPBiHiKu6 CS6.1-60TB / CS6.1-72TB



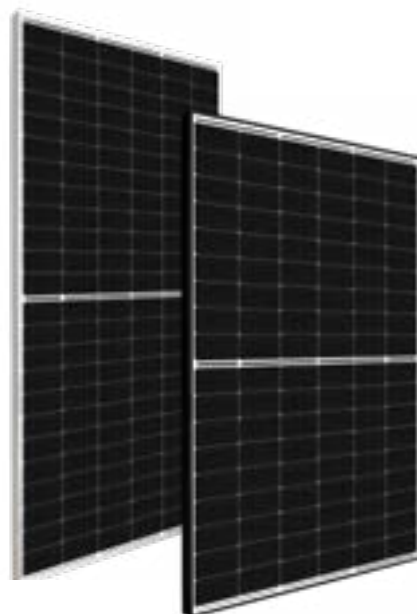
TOPCon 120 cell: 515W,
Efficiency: 22.8%
TOPCon 144 cell: 620W,
Efficiency: 23%

- Lower LCOE and system cost
- Excellent module efficiency
- Up to 85% Power Bifaciality, more power from the back side
- Lower temperature coefficient - better performance in hot climate

HiKu6 CS6R-MS / CS6W-MS



15 years 25 years*



Mono PERC Module 108 Cell: 420W,
Efficiency: 21.5%
Mono PERC Module 144 Cell: 560W,
Efficiency: 21.8%

- LCOE 4.5% lower than industry average
- Reduces balance of system cost by 5.6%
- Compatible with mainstream trackers.
- Up to 50% lower degradation with LID/LeTID mitigation technology

BiHiKu7 CS7L-MB-AG / CS7N-MB-AG



Mono PERC Module 120 cell: 610W,
Efficiency: 21.6%
Mono PERC Module 132 cell: 670W,
Efficiency: 21.6%

- Up to 8.9% lower LCOE. Up to 4.6% lower system cost
- Up to 50% lower degradation with LID/LeTID mitigation technology
- Compatible with mainstream trackers
- 30-year linear performance warranty

TOPBiHiKu7 CS7L-TB-AG / CS7N-TB-AG



Bifacial TOPCon 120 cells: 645W,
Efficiency: 22.8%
Bifacial TOPCon 132 cells: 715W,
Efficiency: 23%

- N-Type TOPCon technology
- Up to 85% Power Bifaciality, more power from the back side
- Excellent anti-LeTID & anti-PID performance
- Lower LCOE & system cost

* Subject to the terms and conditions contained in the applicable Canadian Solar Limited Warranty Statement.

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CANADIAN SOLAR MOVES TOWARDS OFFERING A FULL SUITE OF SYSTEM SOLUTIONS, ENABLING US TO SERVE YOU AS A ONE-STOP SHOP.

KUBANK

C&I ENERGY STORAGE SYSTEM



Active balancing BMS on pack and rack level, with 2A balance current releasing more energy and extends the lifespan



Integrated, modular design, adapt to different application scenarios, convenient installation, and flexible commissioning



Liquid cooling technology with cell temperatures being controlled within the optimal operating range, temperature difference < 3°C



Battery pack IP67 seal grade avoids dust, moisture, and water condensation



Multi-stage thermal management technology effectively prevents battery heat spread and improves the safety

COMING SOON

SOLBANK 3.0

ENERGY STORAGE SYSTEM
CAPACITY: 5.0 MWH



e-STORAGE
A subsidiary of Canadian Solar



Enhanced Energy Density

Utilises 314 Ah battery cells and compact integration, increases single container energy density up to 45%



Intelligent Control

Liquid cooling cuts auxiliary consumption up to 30%



Safety

Up to 20% faster detection of abnormal and automatic protection



Compatibility & Installation

Turn-key integration and stationery certification, reduce project schedule risks by up to 40%

COMING SOON

* Subject to the terms and conditions contained in the applicable Canadian Solar Limited Warranty Statement.

EP CUBE

RESIDENTIAL ENERGY STORAGE SYSTEM



10
years*



All-in-one design

Integrated hybrid inverter, supports DC and AC coupled PV



Safe and reliable

Safer LiFePO4 batteries, meeting the UL 9540A unit level test performance criteria



Big or small, up to you

Modular battery system, easy to install and transport



Power guarantee

Automates power supply in outages

COMING SOON

POWERBLOCK

INTEGRATED ENERGY STORAGE SYSTEM
DURATION: 1.5 TO 4+ HOURS
CAPACITY: 4.8MWH TO 20+MWH



e-STORAGE
A subsidiary of Canadian Solar



Vertically Integrated

Modular building block and verified through integration test to minimise commissioning process onsite



Dynamic BESS Sizing

Flexible sizing options with BESS level guarantees on power, capacity, RTE, and power factor ratings



AI-Powered Control and Optimisation

Configurable and customisable control and monitoring strategy tailored to specific project needs



Solution Localisation

Continues tracking mechanism on latest standards, grid interconnection, and fire safety requirements

COMING SOON

* Subject to the terms and conditions contained in the applicable Canadian Solar Limited Warranty Statement.

PROJECT DEVELOPMENT PIPELINE

GLOBALLY DIVERSIFIED PROJECTS

CANADIAN SOLAR HAS DEVELOPED AND BUILT LARGE-SCALE SOLAR PROJECTS FOR CUSTOMERS ACROSS THE GLOBE. OUR PROJECTS HAVE EARNED A REPUTATION FOR DELIVERING THE HIGHEST ENERGY YIELD AND RETURN ON INVESTMENT.

1. NORTH AMERICA

6,446MW IN SOLAR PROJECTS
19,064MWh STORAGE PROJECTS



CRIMSON, USA

Storage project size: 350 MW / 1,400 MWh



HOPCLASS, UK

Power generation: 10.3MW

3. EMEA

9,915MW IN SOLAR PROJECTS
23,387MWh STORAGE PROJECTS



KEETMANSHOOP, NAMIBIA

Power generation: 6MW

4. CHINA

3,305MW IN SOLAR PROJECTS
6,900MWh STORAGE PROJECTS

5. JAPAN

213MW IN SOLAR PROJECTS
1,376MWh STORAGE PROJECTS



AZUMA KOFUJI, JAPAN

Power generation: 100 MW

2. LATAM

5,092MW IN SOLAR PROJECTS
1,965MWh STORAGE PROJECTS



SUNTOP, AUSTRALIA

Power generation: 189MW

6. APAC (EXCL. JAPAN AND CHINA)

2,311MW IN SOLAR PROJECTS
2,088MWh STORAGE PROJECTS

* Solar Project Development Pipeline (as of January 31, 2024) – MWp
** Battery Energy Storage Project Development Pipeline (as of January 31, 2024) – MWh

PROJECT REFERENCES AUSTRALIA



1. NORMANTON SOLAR FARM, QLD
Module: CS6X-P
Power generation: 5 MW



2. IKEA NATIONAL PROJECT, VIC, NSW & QLD
Module: CS6X-P and CS6P-P
Power generation: 3.6 MW



3. SHELLHARBOUR SHOPPING CENTRE, NSW
Module: CS6P-P
Power generation: 1.2 MW



8. FINLEY SOLAR FARM, NSW
Module: CS3U-P
Power generation: 175 MW



10. GUNNEDAH SOLAR FARM, NSW
Module: CS3W-MB-AG
Power generation: 146 MW



4. SYDNEY CONVENTION CENTRE, NSW
Module: CS6P-P-SD
Power generation: 521 kW



5. LONGREACH SOLAR FARM, QLD
Module: CS6U-M
Power generation: 17.4 MW



6. OAKLEY SOLAR FARM, QLD
Module: CS6U-M, CS3U-P
Power generation: 100 MW



7. DARLINGTON POINT SOLAR FARM, NSW
Module: CS3W-P, CS3W-PB-AG
Power generation: 333.48 MW



9. SUNTOP SOLAR FARM, NSW
Module: CS3W-MB-AG
Power generation: 189 MW



FACEBOOK



INSTAGRAM



LINKEDIN



TWITTER



WEBSITE



YOUTUBE

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