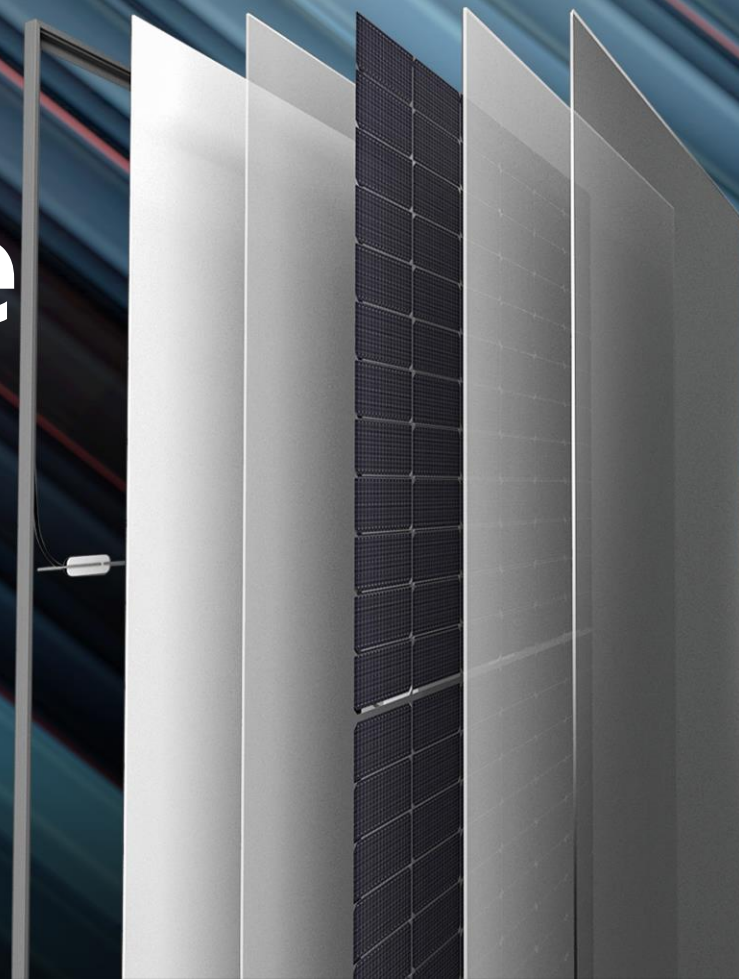


N-type Era for the Notch Above

JinkoSolar Business updates

Sep 27, 2023



Operating and Financial Highlights



No.1 cumulative module shipments

165 GW

No.1 1H module shipments

30.8 GW

No.1 1H N-type module shipments

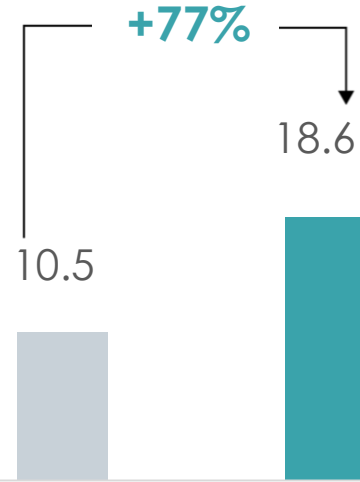
~50%

No.1 N-type cell capacity by the end of 2023

70 GW+

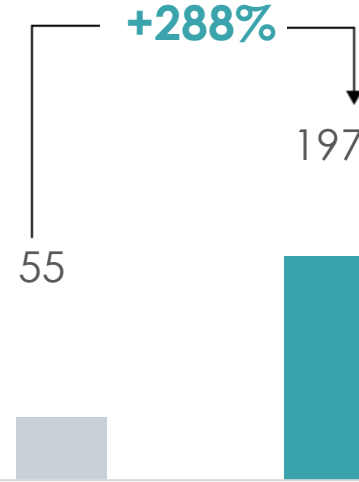
Total shipments

GW



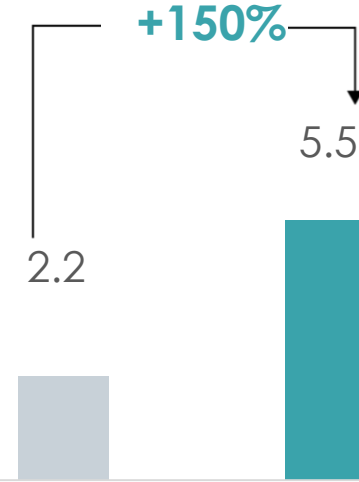
Adjusted Net Income

USD Million



Net OCF

RMB Billion

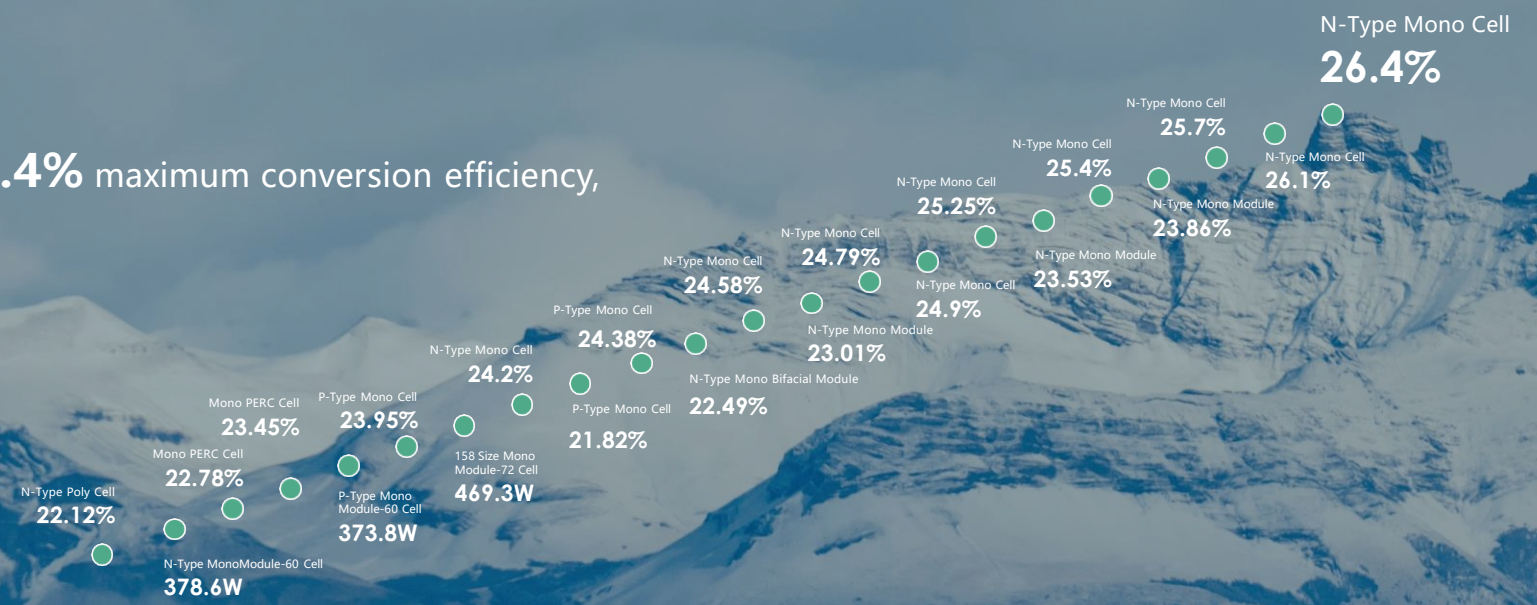


- Recently announced cash dividend with approximately US\$77 million to be distributed, US\$1.50 per ADS.

Leading-edge Technology

World record broken **22 times**

182 N-type TOPCon cell reaches **26.4%** maximum conversion efficiency, setting a new world record



1702

Granted Patents



409

Number of Patents



2278

R&D Team



5.615 Billion RMB

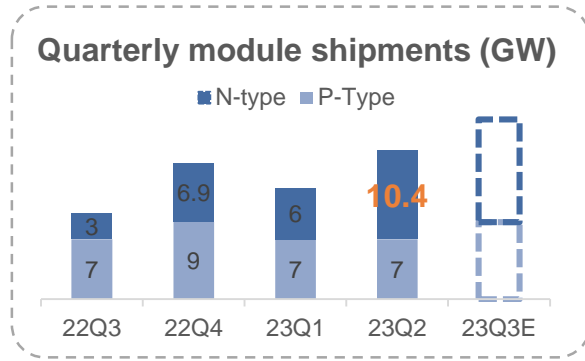
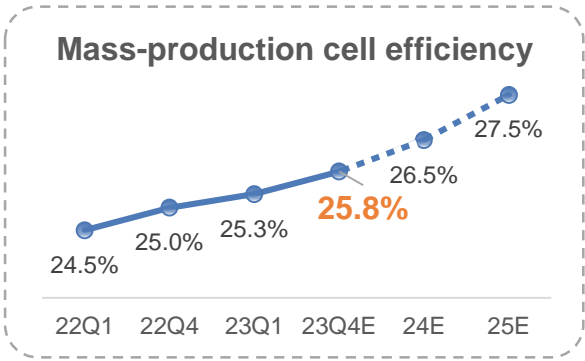
R&D Investment in 2022

• Core Technology

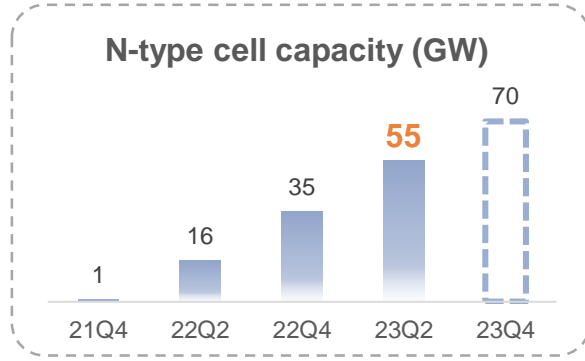
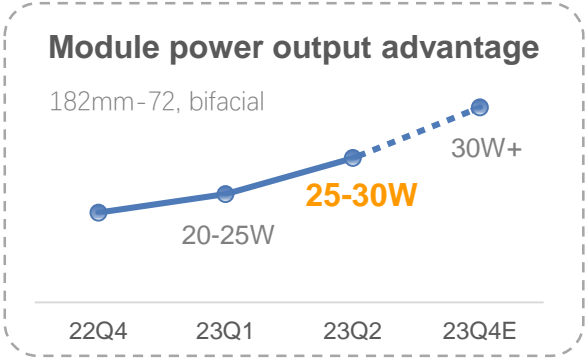
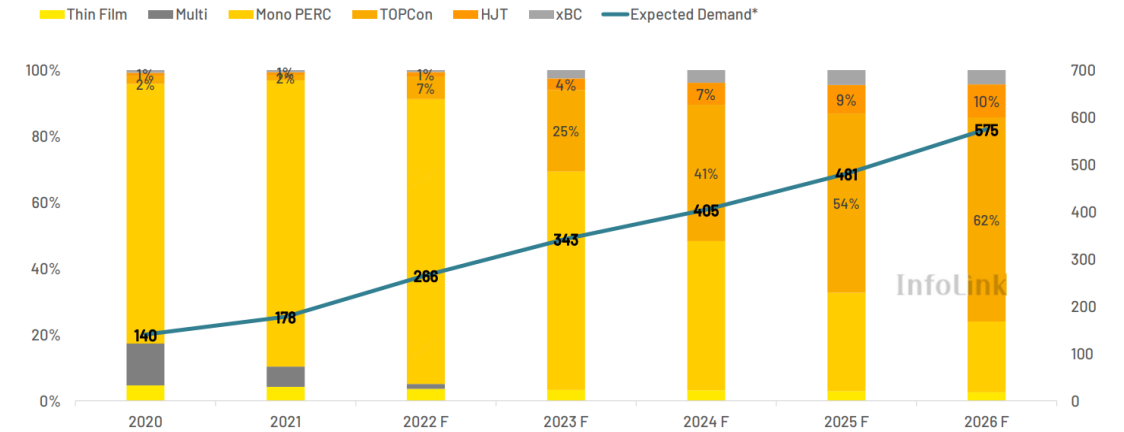
- Low Oxygen and Low Concentric Circles Rate N-type Monocrystalline Technology
- N-type Silicon Wafer Thinning Technology
- N-type HOT 2.0 Cell Technology
- Tiger Neo Module Technology
- BIPV technology, etc.

• Extensive R&D for PV and related technologies

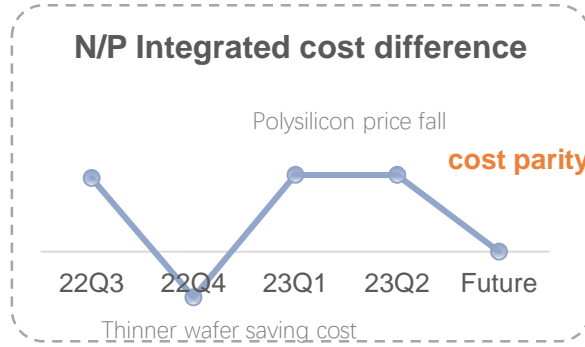
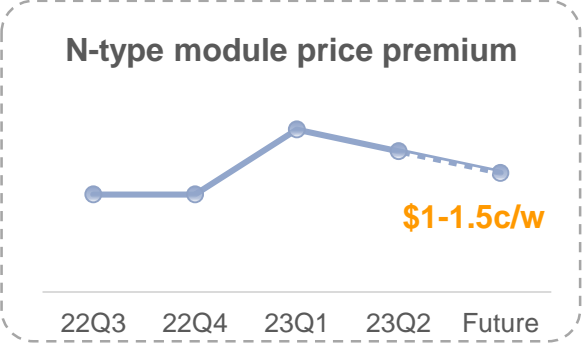
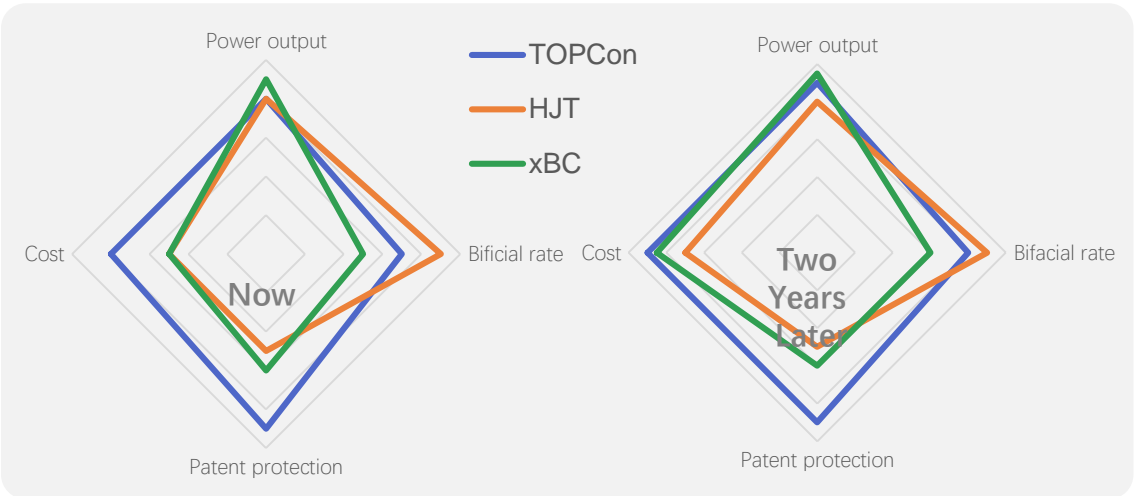
Pioneering the N-type Era



Dominance of N-TOPCon will last at least 3-5 years



Advantage of N-TOPCon over other cell technologies



Expanding global advantages



35 global service centers 120+ marketing branches 3000+ strategic customers



The Largest **12GW+** overseas integrated capacity; over **75%** are N-type

- Overseas traceable polysilicon secured
- Wafer: 12GW (Vietnam)
- Cell: 8GW (Vietnam) + 6GW (Malaysia)
- Module: 8GW (Vietnam) + 6GW (Malaysia) + ~2GW (US)

ESG management improved to enhance sustainability competence

- Improved traceability system
- Independent 3rd party audits
- Joined RE100, EP100, UNGC, IRENA and set up SBTi net zero emission target



Home » News » Press Releases

Department of Commerce Issues Final Determination of Circumvention Inquiries of Solar Cells and Modules from China

Trade enforcement

Today, the U.S. Department of Commerce announced the final determinations in the circumvention inquiries of solar cells and modules from the People's Republic of China (China). Commerce found that certain Chinese producers are shipping their solar products through Cambodia, Malaysia, Thailand, and/or Vietnam for minor processing in an attempt to avoid paying antidumping and countervailing duties (AD/CVD). The final

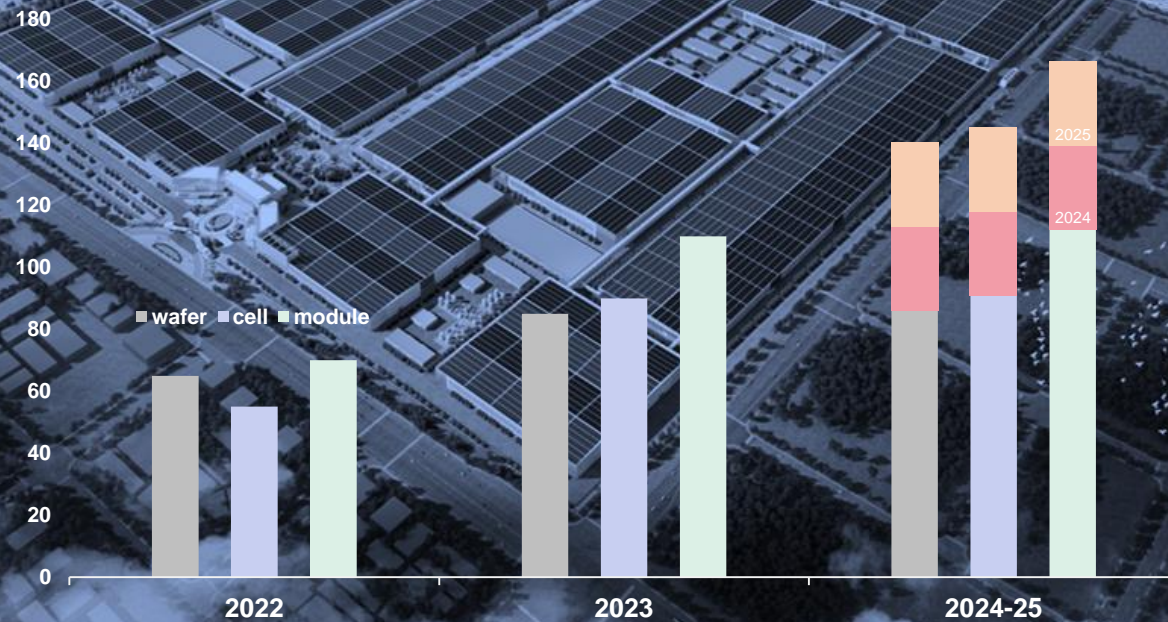
FOR IMMEDIATE RELEASE
Friday, August 18, 2023
Office of Public Affairs

Third Country	Company	Finding
Cambodia	BYD Hong Kong	Circumventing
	New East Solar	Circumventing
Malaysia	Hanwha	Not Circumventing
	Jinko	Not Circumventing
Thailand	Canadian Solar	Circumventing
	Trina	Circumventing
Vietnam	Boviet	Not Circumventing
	Vina Solar	Circumventing

Fostering Future Competitiveness

The largest N-type integrated
production facility in the industry

Super-integrated solar base in Shanxi, China



56GW wafer-cell-module integrated

- ✓ Phase 1 + Phase 2 (14GW each) expected to start production in **1H 2024**

Unprecedented production innovation

- ✓ **One-site vertical operation:** to significantly reduce operation costs and improve efficiency
- ✓ **Cutting-edge technology:** advanced and upgradable N-type technology
- ✓ **Low carbon footprint:** mostly powered by green energy
- ✓ **Cost Effective:** lower integrated CAPEX per GW
- ✓ **Smart and traceable** manufacturing capabilities

Business Plan

- Module shipments target raised to **70~75GW** , from 60-70GW in 23Q1
- N-type products accounts for **60%** in 2023, with competitive price premium
- Integrated overseas capacity **12GW+** with ~2GW module capacity in US

- Mass-production N-type cell efficiency **25.8%**, expected to reach **27-27.5%** in 2025
- More than **75%** of total capacity expected to be N-type, integrated cost of N-type close to P-type
- To maintain **6-month** N-type technology leadership over peers

- Wafer, cell and module capacity expected to be **85GW, 90GW, 110GW** by the end of 2023
- Lower leverage ratio and improve net cash
- Build N-type supply chain **ecosystem**; develop **PV+energy storage** business



Global Presence



R&D Leadership



Management Capability

Strategic Focus



Consolidating our strengths to overcome challenges and embrace opportunities

Challenges

- **Supply:** excessive capacity plans by new comers
- **Demand:** trade tariffs, grid connection/transmission issues
- **Profit:** margin suppressed by low module prices
- **Technology:** short lifecycle of new technologies
- **Capacity:** massive depreciation of PERC capacity
- **Integration:** from cooperation to competition
- **Management:** scale, compliance, power transition

Competition promotes a healthier industry

Opportunities

- ✓ Tier-1 players have better cost and efficiency
- ✓ Overseas/traceable supply chain, energy storage
- ✓ N-type module price premium sustainable
- ✓ Constant introduction of technical upgrade
- ✓ N-type capacity expansion learning curve
- ✓ Brand and reputation become new entry barriers
- ✓ Professional and passionate management team

Innovation, globalization key to success

Long-term Growth Strategies

Long-term R&D and product leadership

- Cutting-edge R&D.
- A highly collaborative and innovative system from wafer-cell-module to system solutions.
- Ability to quickly commercialize R&D results in mass production.

Effective and efficient Management Capability

- Optimizing in-house manufacturing to reduce integrated cost.
- Refined management processes to further optimize operational efficiency.
- Efficient execution ability.

Global industrial chain footprint and marketing network

- Global manufacturing footprint and vertically-integrated supply chain to optimize resources allocation.
- Extensive global marketing network with localized after-sales service.
- Long-term accumulated brand advantage with product reliability.

Q&A

