

Solar + Storage for Hyperscale AI Data Centers

Powering the AI Revolution with Proven Solar
& Energy Storage Expertise

Hyperscale AI data centers are pushing power demand beyond what today's grid can handle. At Trinasolar, we understand the urgent need to deploy large-scale renewable energy infrastructure to support this growth – because we've been there from the start, helping to build it. With decades of expertise in utility-scale solar and storage,

Trinasolar delivers fast, integrated, and proven systems that cut delays, minimize risk, and meet urgent deployment timelines. While other power sources face multi-year roadblocks, Trina's bankable technology and dedicated U.S. teams help developers and EPCs power up their hyperscaler customers in months.

Why Choose Trinasolar for AI Data Centers

Don't let equipment availability derail your projects. The market is moving fast, and Trinasolar has the modules and battery storage to power your next hyperscale AI data center project.



Project Timeline Certainty

Mitigate delays with a stable supply for the immediate deployment of large-scale solar and energy storage



Single-source Procurement

Coordinated industry-leading module and storage delivery and integration simplifies logistics and installation



Energy Infrastructure Expertise

Trinasolar's team provides 28+ years of global experience in large-scale projects across diverse climates and regulatory landscapes.



Proven Reliability from a Bankable Partner

A history of bankability and a track record of modules recognized as "Top Performer" and "Overall Highest Achiever" with third-party-validated performance and durability.



Dedicated U.S. Teams

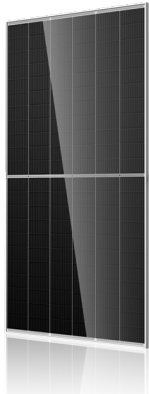
Dedicated U.S. teams with the local expertise, utility-scale experience, and renewable infrastructure insights to help you succeed.

Your Competitive Advantage

Enhance project economics, streamline procurement, and accelerate hyperscale AI data center projects with a combination of speed, bankable technology, and expertise that makes it easier to scale smartly, swiftly, and sustainably.

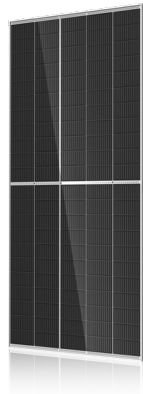
Advanced Solar and Storage Technology

Vertex N



Vertex N
(NEG21C.20)

up to
725W
Max Power
up to
23.2%
Max Efficiency



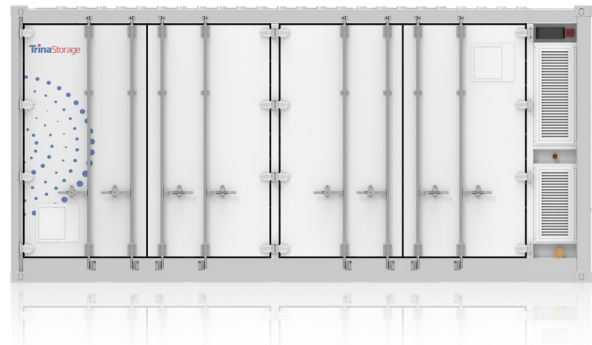
Vertex N
(NEG19RC.20)

up to
620W
Max Power
up to
23%
Max Efficiency

Trinasolar's industry-leading Vertex N 210mm n-type TOPCon modules deliver high power output and high efficiency, enabling design flexibility, reduced BOS costs, and lower LCOE to improve project IRR.

- **Optimized Performance**
Vertex N modules engineered for high-density ground-mount applications with widespread component compatibility
- **Proven Reliability**
Tier 1 module with 30-year power warranty, "Top Performer" and "Overall Highest Achievers" certification
- **Flexible Configurations**
High power density supports diverse projects and site specifications with smaller footprints and fewer modules
- **Bulk Volume Capacity**
Secure large-scale commitments for phased deployments

Elementa 2 Pro Platform



Trina Storage Elementa 2 Pro Platform is a next-gen, cutting-edge, grid-scale battery energy storage system built from the ground up using Trina's vertically integrated LFP cells. Deploy an optimized energy storage system designed for minimal downtime that reduces CAPEX and OPEX, improves TCO, and lowers LCOS.

- **Ultra Long-Life Trina Cells**
Ensures long-term performance and cost efficiency
- **Comprehensive Safety**
State-of-the-art fire mitigation and suppression system with all safety standards and certifications confirmed
- **Containerized BESS**
Simplifies logistics and delivery
- **Flexible and Scalable**
Compact side-by-side and back-to-back battery enables flexible site design, easy installation, and rapid scalability
- **Advanced Smart Management System**
Streamlines and reduces O&M costs
- **Long-term Support**
Full lifecycle support from pre-sales to post-sales

Trinasolar is Your Trusted Partner for Hyperscale AI Data Center Projects

With data center power demand projected to increase significantly by 2030 and equipment availability already tightening, EPCs and developers who secure allocations today gain a decisive competitive advantage in a rapidly growing market.

Learn more about Trinasolar's dependable supply of modules and storage, and our proven expertise in helping EPCs and developers integrate solar and storage for hyperscale AI data centers.

Interested in learning more?

Please contact us at www.trinasolar.com/us/contact-us

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