

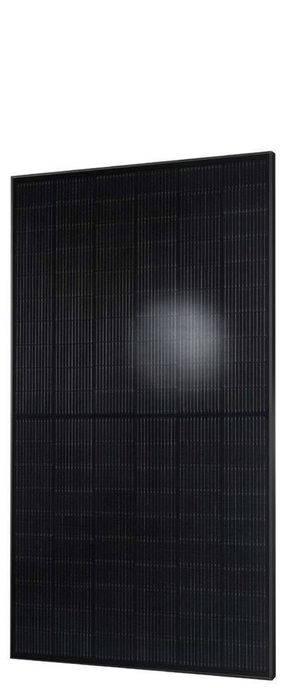
Qcells is committed to local manufacturing in the U.S. and revitalizing the domestic solar value chain

Qcells is the number one module supplier in the country for both the residential and commercial segments, a leader in the utility sector and a proud creator of U.S. manufacturing jobs. Based in Dalton, Georgia, our solar module factory is the largest of its kind in the United States.

In January 2023, Qcells announced the largest investment in U.S. solar history to build the nation's only complete and sustainable solar supply chain.

Qcells will be manufacturing 3.3 GW of solar ingots, wafers, cells and finished panels at our new Cartersville facility, which is expected to be completed and operational by 2025.

- 5.1 GW solar module production currently
- 8.4 GW total production capacity by 2025
- 2,500 new jobs, 4,000+ total jobs
- $2.8 billion investment in GA
- Qcells is a founding member of the Ultra Low-Carbon Solar Alliance



Q.TRON BLK M-G2+

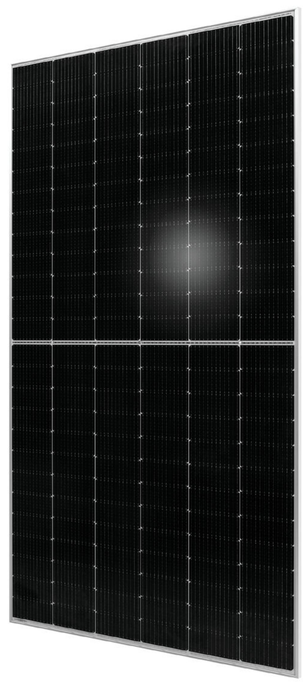
Up to 440 Wp

Efficiency up to 22.5%

25 YEARS Warranty Product & Performance

Qcells Advanced Yield Security

Q.ANTUM NEO



Q.PEAK DUO XL-G11S / BFG

Up to 605 Wp

Efficiency up to 21.7%

30 YEARS Warranty Performance

Qcells Yield Security

powered by Q.ANTUM DUO Z

ASSEMBLED IN THE USA

ULTRA LOW-CARBON SOLAR ALLIANCE Founding Member

epeat BRONZE



Qcells Factory in Dalton, GA, USA



Qcells Supply Chain Factory in Cartersville, GA, USA
Completion expected in 2025

The Qcells Advantage

USA MANUFACTURING

Commitment to community and locally-produced products through the largest solar factory in the United States.

TIER 1 BANKABILITY

Tier 1 solar manufacturer backed by a Fortune Global 500 company.

QUALITY ASSURANCE

Strict quality testing standards that ensure outstanding durability and world-class performance as proven by key independent labs, including PVEL and TÜV Rheinland.



Dewaine Dennis Sr.
Quantum Solar Designs, Owner

“When I first heard Qcells was coming to the U.S., I thought that was a great idea by the factory being so close. It makes us feel more comfortable that as the market grows the supply chain can grow equally as fast.”

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