

US Residential Distribution Channel Guide

ABOUT TRINA SOLAR

Founded in 1997, Trina Solar Co., Ltd. is a pioneer in the research and development, production, and sales of PV modules; power stations and system products; PV power generation, operation, and maintenance services; and the development and sales of intelligent microgrids and multi-energy systems, as well as the operation of energy cloud platforms. Through constant innovation, Trina Solar remains committed to leading the way in smart solar energy solutions and advancing the PV industry by creating greater grid parity of PV power, popularizing renewable energy, and building a net-zero future.

GLOBAL LEADER

140GW+
MODULES SHIPPED

65GW+ of global 210mm module shipments – Ranked No. 1 with more than 50% of the market share

These modules contribute to Greenhouse Gas (GHG) emission reductions **equivalent to planting more than 7.29 billion trees**



PRODUCT SOLD IN
100+ COUNTRIES

25+
YEARS OF
OPERATIONS

BANKABILITY



100% bankability rating for 7 consecutive years in BloombergNEF Bankability Survey

Only module manufacturer rated bankable for 7 consecutive years by 100% of BNEF survey respondents

TOP PERFORMER

PVEL Reliability Scorecard “Top Performer” for 9 consecutive years

HIGH ACHIEVER

Recognized as an “Overall High Achiever” by RETC for 4 consecutive years

INNOVATION & WORLD RECORDS



25

World Records achieved for solar cell and module efficiencies



24.4%

Most Recent World: Achieving 24.4% N-type module aperture efficiency



1300+

Solar PV patents filed

“AAA” RATED

Consistent “AAA” rating* – the highest in PVTech’s PV ModuleTech Bankability Rankings

*As of Q3 2023

SUSTAINABILITY



Power Consumption for Unit Output of Product decreased 42.4% from 2020 to 2021



Water Consumption for Unit Output of Product decreased 46.2% from 2020 to 2021



GHG Emissions for Unit Output of Product decreased 32.2% from 2020 to 2021



210mm Vertex are the first 210mm panels to receive Life Cycle Assessment (LCA) certification

VERTEX SERIES



Pioneering 210mm N-type TOPCon PV technology



Higher power gains



Higher efficiency



Lower Degradation



Lower LCOE



Utility and C&I applications
“Ace Mix” of 690W Vertex and 600W Vertex N modules



US ADVANTAGE

Residential Solution with the Industry-leading TrinaProtect 25/25 Year Warranty Program



Vertex S+ up to 435W

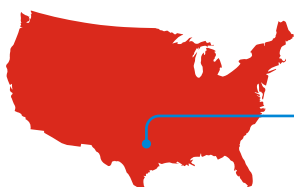
Vertex S Winner of 2022 Red Dot Product Design Award

Up to 22% efficiency

Local US-based teams for sales & support

600W+ Photovoltaic Open Innovation Ecological Alliance

US MANUFACTURING & CAPACITY



Location:
Wilmer, TX



Manufacturing capacity

Including N-type 210 cell technology for utility-scale, commercial, and residential applications



Job creation

1500 direct hires for professional, skilled, high-tech positions



Facility size

1.35 million square feet facility
Equal to nearly 24 football fields!

6GW

US manufacturing capacity in 2024

CONTACT US



Trina Solar (US) Inc.

7100 Stevenson Blvd.
Fremont, CA 94538
Trinasolar.com

