











Our Advantage

Our Product

Partner of Choice

A GLOBAL PLAYER













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OUR STRONG FOOTPRINT IN EUROPE





>10 GW shipped to Europe

Annual EU shipments >3GW



9 Regional Offices

Close to the market



60+ Employees

Europe is our home turf



70+ Distributors

Local network partners for you



20+ Countries

Active customers



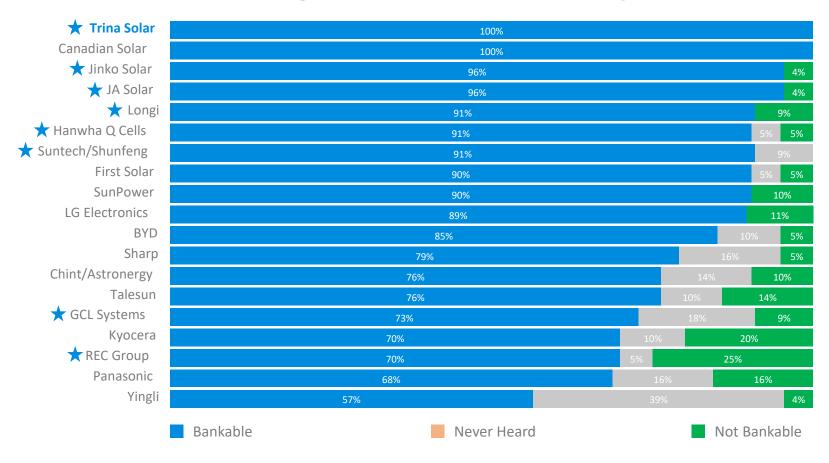




A RELIABLE BRAND



Bloomberg NEF's PV module bankability results





"Top Bankable Module Supplier " 2016 - 2019

> Four times in a Row

Source: BloombergNEF

Note: Stars indicate the top performers in PVEL's 2019 PV Module Reliability Scorecard. PVEL did not test all of the manufacturers listed above, so a missing star is not indicative of poor quality.











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THE NEW GENERATION: AT A GLANCE



2019



TSM-DD05A.08(II)

| Previous Generation | Extra Power | New Generation |
|----------------------------|-------------|-------------------|
| Full cells | 6W | Half-cut cells |
| Round cell corners | 4W | Full square cells |
| 156mm wafers | 10W | 158mm wafers |
| 5 busbars | 5W | Multi busbars |
| | +25W | |
| | +7.9% | |

2020



TSM-DE06M.08(II)

TECHNOLOGY INTEGRATION - MBB



Halfcut-Cell MBB (9 wires)

¹ ² ³ ⁴ ⁵ ⁶ ⁷ ⁸ ⁹

Less sensitive to cracks

Reliability advantage of MBB vs 5BB





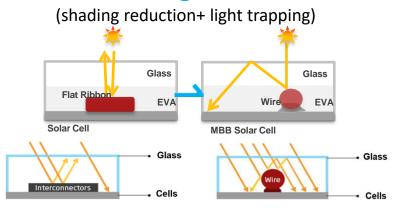
MBB

0.1%





Power gain 8W



Lower operating temp.

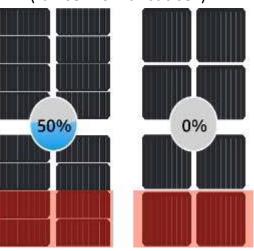
(full cell vs. halfcut cell; lower series resistance)





Shading advantage

(full cell vs. halfcut cell)



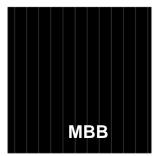
TECHNOLOGY INTEGRATION - FULL BLACK



Black cell

Black module





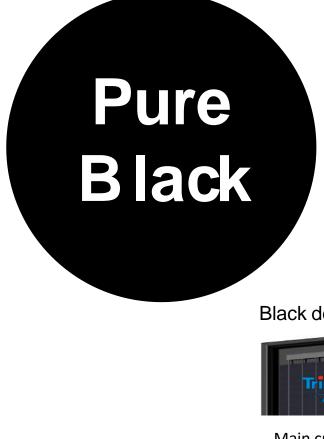
Lower reflection > Better appearance

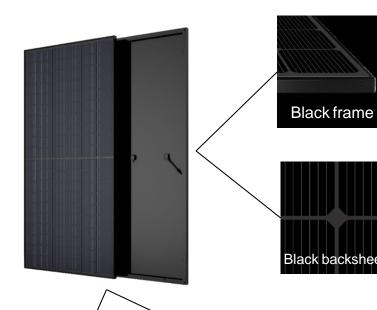


Trina MBB full black module



Normal 5BB "black" module





Black details:







A00190410000008

Main cross connectors covered with black adhesive

Black label

TECHNOLOGY INTEGRATION - DUAL GLASS



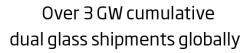




Symmetry structures minimize Certified Class A fire rating micro-cracks and snail trails



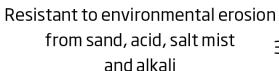






Best partner for tracker







¹ Extended to 30-year power warranty



Less than 3% power degradation in Triple IEC standard tests by RETC



18 Dual glass patents

166 wafer module for high BOS cost saving







TSM-DE08M(II)

TSM-DE08M.08

High Power

Up to **375W** in 2020

Technology

PERC mono, 166 wafer half-cut, multi-busbar

Improved Aesthetics

Available with Black Frame (DE08M.08)

Dual Glass Option Available

Class-A Fire rating on DEG8M(II) or DEG8M.08











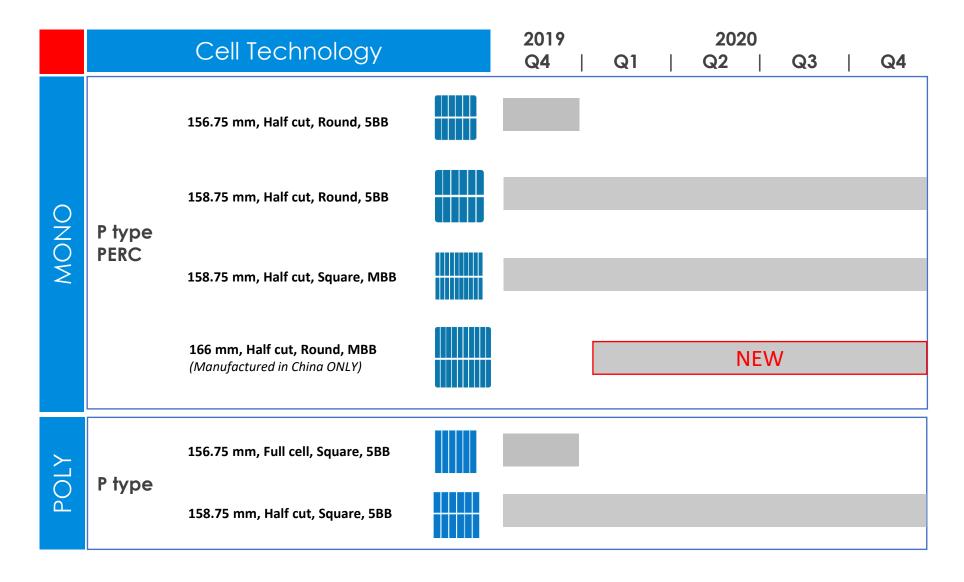
Our Advantage

Our Product

Partner of Choice

Roadmap | Cell technology

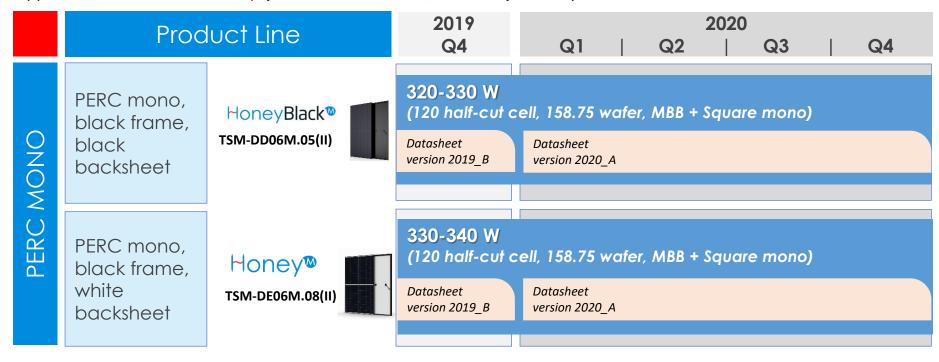




Roadmap | PV Module



Application: Residential Rooftop | Channel: Distributor, Installer | Delivery from: Rotterdam Warehouse

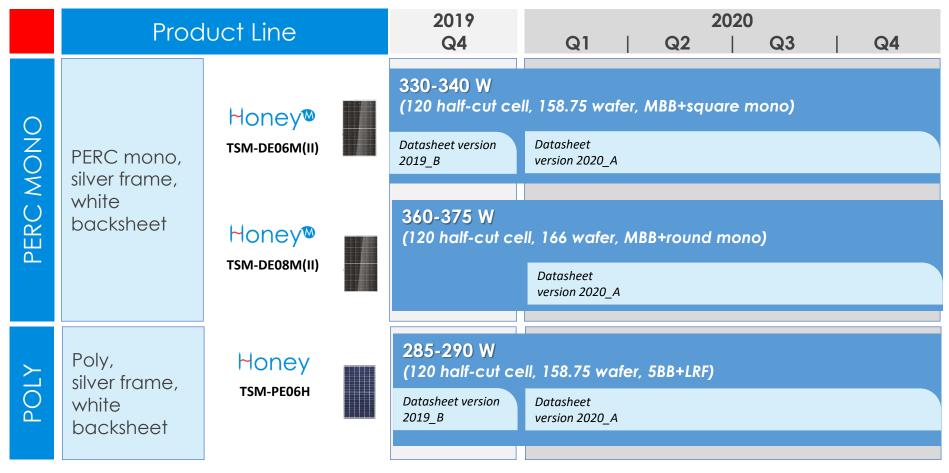


Roadmap | PV Module



Application: Residential & C&I Rooftop | Channel: Distributor, Installer | Delivery from: Rotterdam Warehouse

Application: Large Ground Mount Project | Channel: Ultilities, IPP, PD, EPC | Delivery from: Factory to project site



Note:

- Double glass versions are also available for models above
- Double glass modules produced from Oct. 2019 will be with 2mm glass
 - Timeline above indicates manufacturing time. Arrival time to customers can vary depending on shipment lead time and availability.











Our Advantage

Our Business

Partner of Choice

TRINA SOLAR: PARTNER OF CHOICE



✓ Top Reliability and Performance

Strict internal test standards | Field-proven high performance | Competitive warranty

✓ Top Innovation

State Key Lab for R&D and quality tests | International team of leading scientists | More than 1,000 patents | 19 performance world records

✓ Top Volume

Biggest PV manufacturer with >40 GW shipments to date

✓ Top Bankability Rating

"Most Bankable PV Manufacturer" Bloomberg New Energy Finance four years in a row (2016-2019) | Solid financials thanks to sustainable business

✓ Top Responsibility

Highest environmental and social standards | CSR Gold Medal from Ecovadis | Top SVTC Solar Scorecard rating | Full PV Cycle member for module recycling





Power beyond Solar

www.trinasolar.com