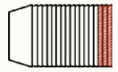
BOS savings

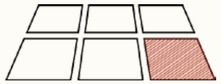
440W VS. 385W

-12.4%



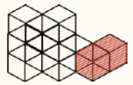
Modules

-12.5%



Land

-16%



Combiner box

12%

Cables

-12.5%

Foundation

-3.5%

Fixed tilt

Source : Trina state key lab

Test location: 36.2° N, China

Project volume : 3.125MW

Module types : 385W vs 440W

Darting to Your Success Leaving the Power and Reliability to Trina

Second to none module masterpiece designed from comptetency accumulated through surpassing 40GW shipped shipment all over the world for most comprehensive environment for over past two decades

www.trinasolar.com

450W Ultra High Power

DUOMAX twin TALLMAX™

MBB & Half-cut technology

Lower BOS cost, higher IRR

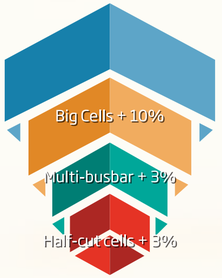
Bifacial and monofacial options

Strong core technologies

Multi-busbar technology

- Increased light absorption
- Up to 15% lower resistance losses due to over 50% shorter conduction distance
- Better anti-cracking capability

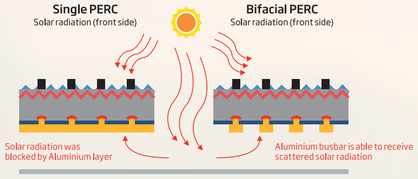
High power 430 450W

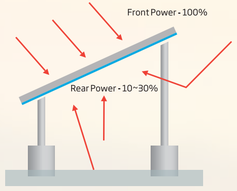


Half-cut technology

- Higher power generation duo to lower internal resistance losses
- High power output with better shading tolerance
- High reliability with strong resistance against hotspots

Bifacial technology





Up to 450 W, bifacial or monofacial available

DUOMAX twin (144 Bifacial)

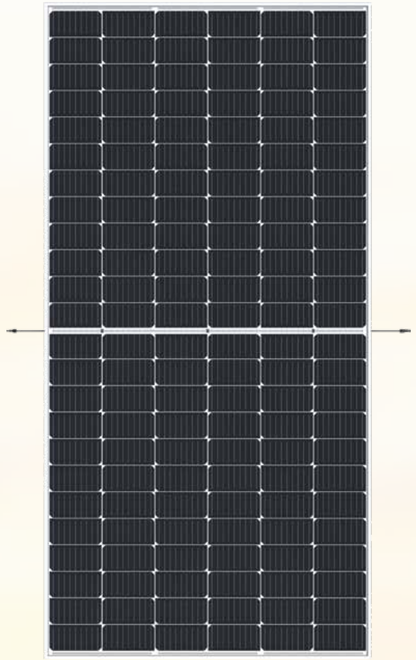
TALLMAX (144 Monofacial)

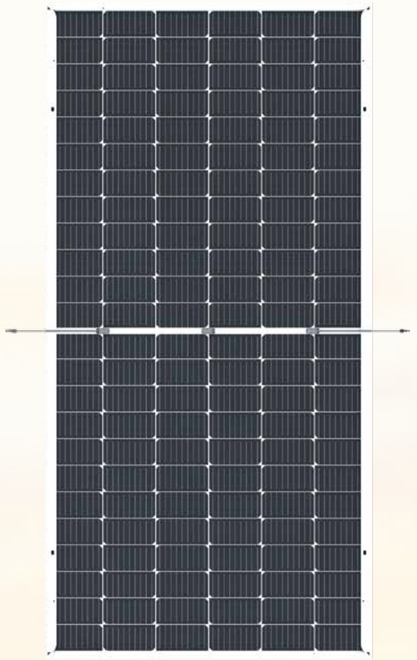
430-450W ultra-high power, high efficiency highest value/module

Higher ROI and even better performance with tracking system

Optimized Installation solution with Nclave tracker

Ultra slim split junction box to minimize shading on the back side (Bifacial)





Fully certified for 1,500V system voltage

Ensured PID resistance through cell process and module material optimization

Excellent IAM and low light performance certified by 3rd party

Different BOM for different climates to ensure power generation throughout whole lifetime

	430W	435W	440W	445W	450W
V_{oc} (V)	48.7	49.0	49.2	49.4	49.6
I_{sc} (A)	11.22	11.31	11.39	11.46	11.53
V_{MPP} (V)	40.3	40.5	40.7	40.8	41.0
I_{MPP} (A)	10.67	10.74	10.82	10.90	10.98
η_M (%)	19.7	19.9	20.1	20.4	20.6

Module Dimensions 2102 × 1040 × 35 mm Temperature Coefficient of P_{MAX} - 0.36%/℃