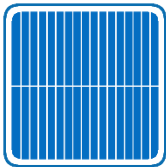


SOLAR MODULE PRODUCT MANUAL



ADVANCE PRODUCTION PROCESS

Edge-cutting production process
Technology Iteration
MBB and half-cutting technology adopted.



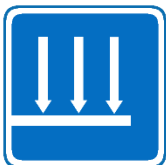
SUPERIOR QUALITY CONTROL

Full-auto production line
Certificated by ISO9001:2015
MES and ERP digitizing logistics management



EXCELLENT POWER PERFORMANCE

0~+5W positive power tolerance
Half-cut cell effectively reduces loss and improves power generation
Low degradation and excellent low-light performance improves power generation.



STABLE MECHANICAL PERFORMANCE

Rigorous hail test approved.
MBB design effectively reduces affected area of microcrack.
Withstanding 2400Pa wind and 5400Pa snow loads



STRONG WEATHERABILITY

Excellent anti-PID and anti-LID performance
Fireproofing certified
Dual-glass structure enhances weather resistance.

PRODUCTS

PERC Mono Series

Ga-doped silicon wafer, effectively reducing LID and LeTID, 166mm, 182mm and 210mm wafer optional for MBB and half-cell modules, Bifacial module provides 5-25% extra power from backside in different scenarios, transparent back sheet optional for lightweight and easier installation. MBB and half-cell design to improve module reliability and reduce loss. Higher power output effectively reduces BOS and LCOE.



MM108/144

High Power PERC Solar Module

Optional:

MM108 - 395~415(L) | MM144 - 535~555(L)



BM144

High Power PERC Bifacial Solar Module

Optional:

BM144 - 530~550



MM120/132

Super High Power PERC Solar Module

Optional:

MM120 - 590~610(L) | MM132 - 655~675(L)



BM120/132

Super High Power PERC Bifacial Solar Module

Optional:

BM120 - 585~605 | BM132 - 650~670

TOPCon Series

High-efficient N-TOPCon module adopts N-Type silicon wafer equipped with TOPCon cell technology, which has the performance advantages in low power degradation, low temperature coefficient and excellent low light performance. It will obtain higher power generation income for terminals and reduce the logistics fees and BOS under the same transportation and installation conditions, and effectively reduce LCOE with excellent power generation.



MN08/132/144

High Efficiency N-TOPCon Solar Module

Optional:

MN108-420~440 | MN132-515~535 | MN144-565~585



BN144/156

High Efficiency N-TOPCon Bifacial Solar Module

Optional:

BN144-560~580 | BN156-610~630



HTJ Series

Free from PID and LID. Providing 10%-35% extra power from backside in different scenarios. Featuring low temperature coefficient, low degradation, and excellent low light performance. MBB and half-cut design to improve module reliability and reduce loss.

HM120/144

Super High Efficiency N-HJT Solar Module

Optional:

HM120-375~395 | HM144-450~470

Design Series



All-Black Solar Module

Black Frame, Black Back Sheet, Black Bus Bar

Black Encapsulant Material

Optional:

MM108 – 395~415 | MM120 – 360~380

MM120-365~385(Bifacial)



Lightweight Solar Module

25% Lighter Than Regular Solar Module

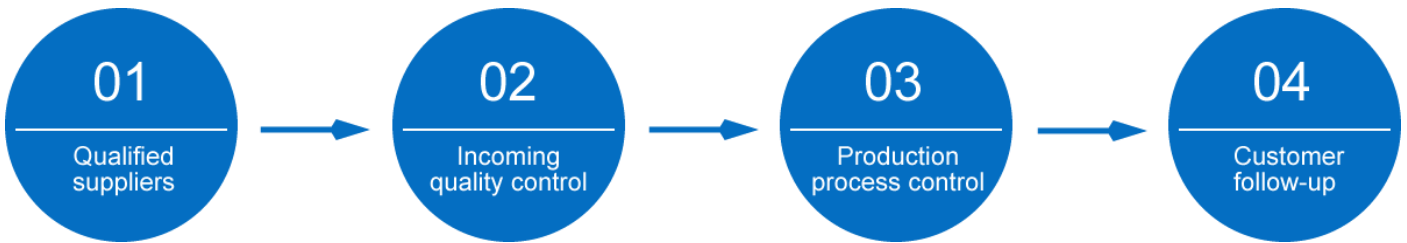
Optional:

MM120-360~380(M6) | MM108-395~415(M10)



QUALITY

Quality Assurance Chain



Management System Certifications

ISO9001:2015 Quality Management System

ISO14001:2015 Environmental Management System

ISO45001:2018 Occupational Health and Safety Assessment Series

ISO/IEC17025:2017 General Requirements for the competence of Testing and Calibration Laboratories

Product Certifications

Certifications: TÜV, BIS, KS, CE SII

Listings: CEC(AU) listing, INMETRO listing, JPAC listing, DEWA listing

High efficiency poly solar module, high efficiency PERC mono solar module have passed strict reliability test, including salt mist corrosion, ammonia corrosion, dust and sand, PID and LeTID reliability test.

Super high efficiency HJT solar module received global first M6 MBB and half-cell bifacial dual glass module certification.





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