

MOREDAY

INTRODUCTION



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&
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01

Company Profile

Group Introduction



MOREDAY Solar (China)

Founded in 2009, Moreday Solar is a R&D and manufacturing company integrating photovoltaics and new energy industry. The original intention of Moreday Solar is to bring more clean energy to the world and enjoy a better life.

The company's main products: photovoltaic convergence and grid-connected products, low-voltage electrical, energy storage and application products, solar power transmission and distribution products and solar system manufacturing.

The company takes solar energy sharing as its vision, technological innovation as its driving force, customer-oriented, and has obtained more than 30 national patents. Its products have passed CQC, CE, CB, TUV, ROHS and other certifications, and ISO9001 quality system certification, with more than 1,000 services. Customers, the products are exported to more than 50 countries in Europe, America, Southeast Asia, the Middle East and other regions.

We hope to work with more partners to bring solar energy to every region of the world, promote the widespread use of green and clean energy, and leave more day for the earth.



Founded in
2010



Annual capacity
of 1.5GW



Full automation



4 bases
throughout the world



Over 200
employees



02

Product & Equipment Introduction



Cell Soldering



Typesetting



Material Feeding



Auto Bussing



Taping



EL Test



Lamination



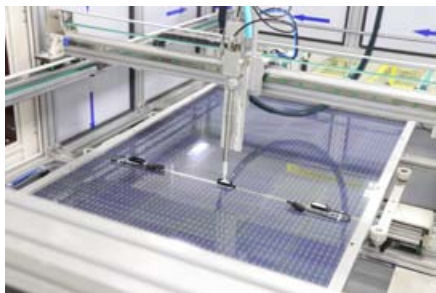
Paring Off



Visual Inspection



Frame up



Pottering



Solidification



IV Test



EL Test



Final Inspection

Manufacturing Statistics

Product Line Management

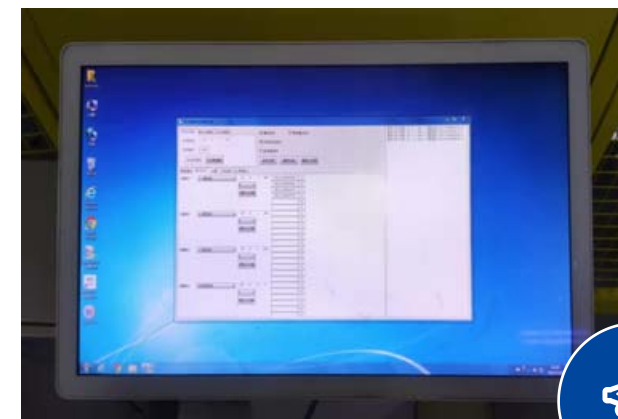
Quality Control

Fault Management

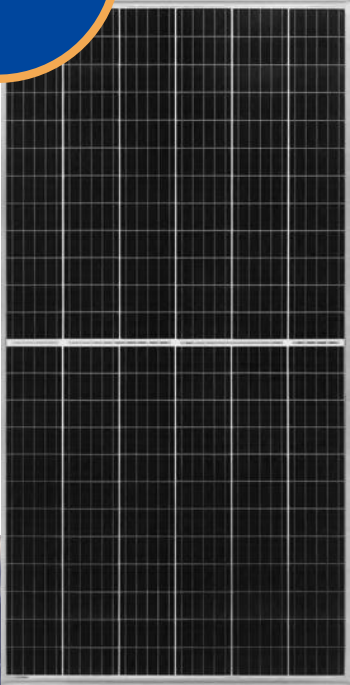
Material Management

Planning and Scheduling

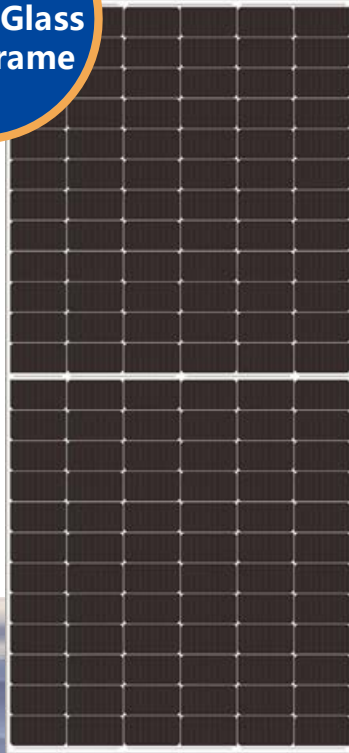
BOM Management



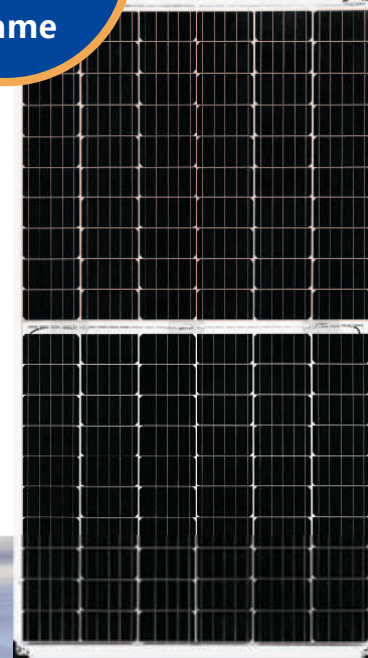
Half Cell
Single Glass



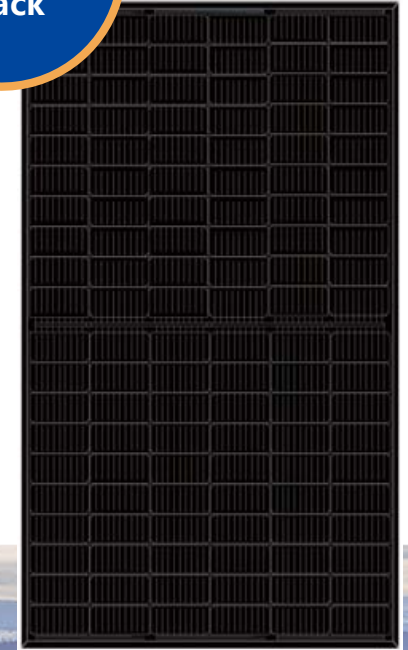
Half Cell
Double Glass
With Frame

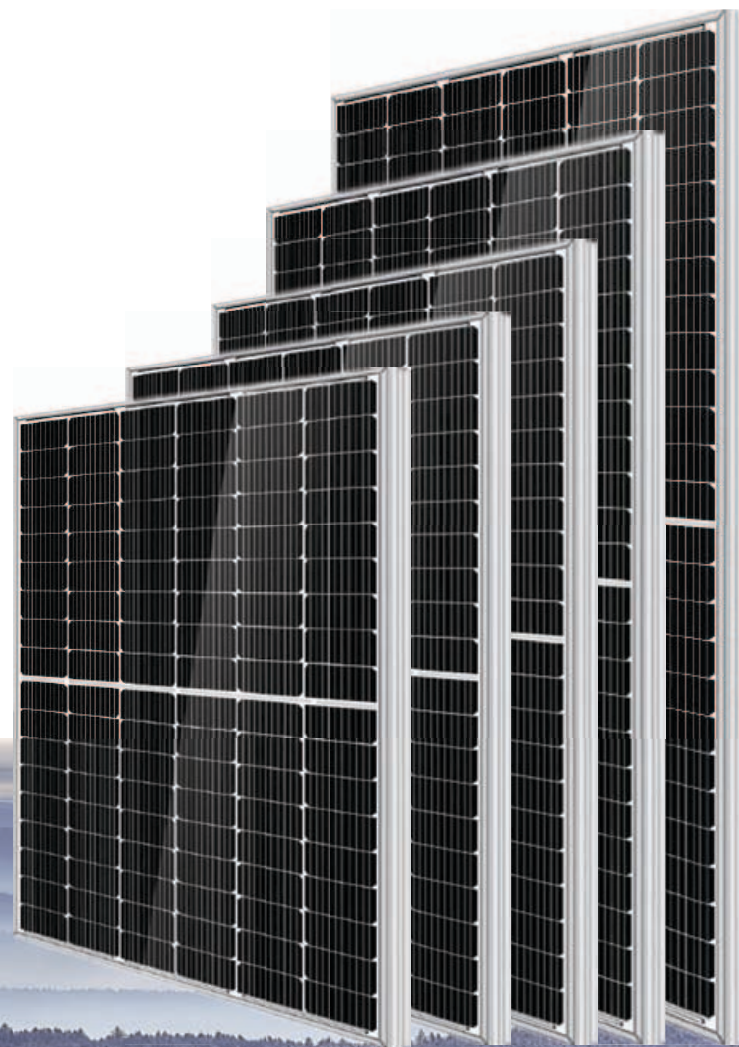
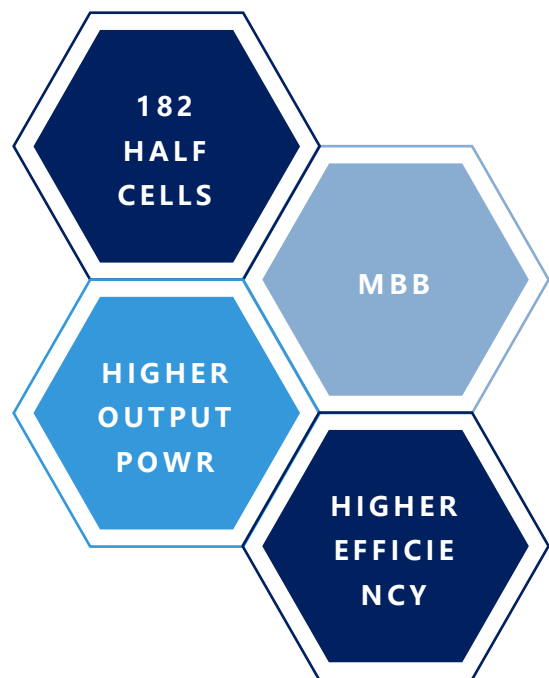


Half Cell
Double
Glass
Without
Frame



Full
Black





HS182-108M
POWER:390W-410W

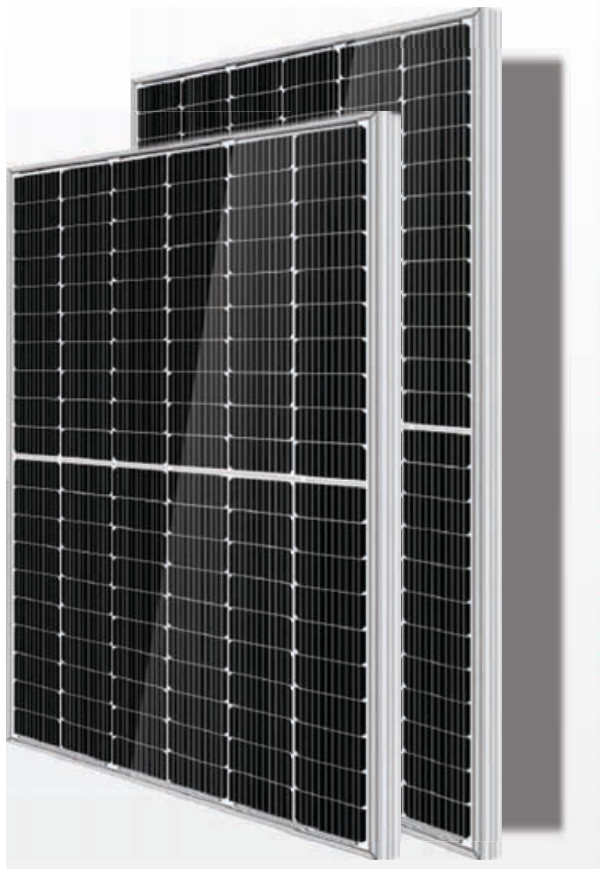
HS182-120M
POWER:440W-460W

HS182-132M
POWER:485W-510W

HS182-144M
POWER:530W-550W

HS182-156M
POWER:580W-600W

HS182-108M/144M



Maximum power(W)



410

108Cell

550

144Cell



conversion efficiency(%)



20.97

108Cell

21.28

144Cell

01

Higher Conversion Efficiency and Higher Output Power

02

Innovational 182 Half-cell Technology and Innovative PERC Solar Cell Technology

03

Reduced Shadow Loss and Reduced Internal Mismatch Loss

04

High performance under Low Light Conditions

05

TUV, CQC and CE Certified Panel

06

Harsh Environment Adaptability

07

Passed PID Test, Fire Test, Salt Mist Corrosion Test and Ammonia Corrosion Test

08

ISO 9001 Accredited by Manufacturing Facility

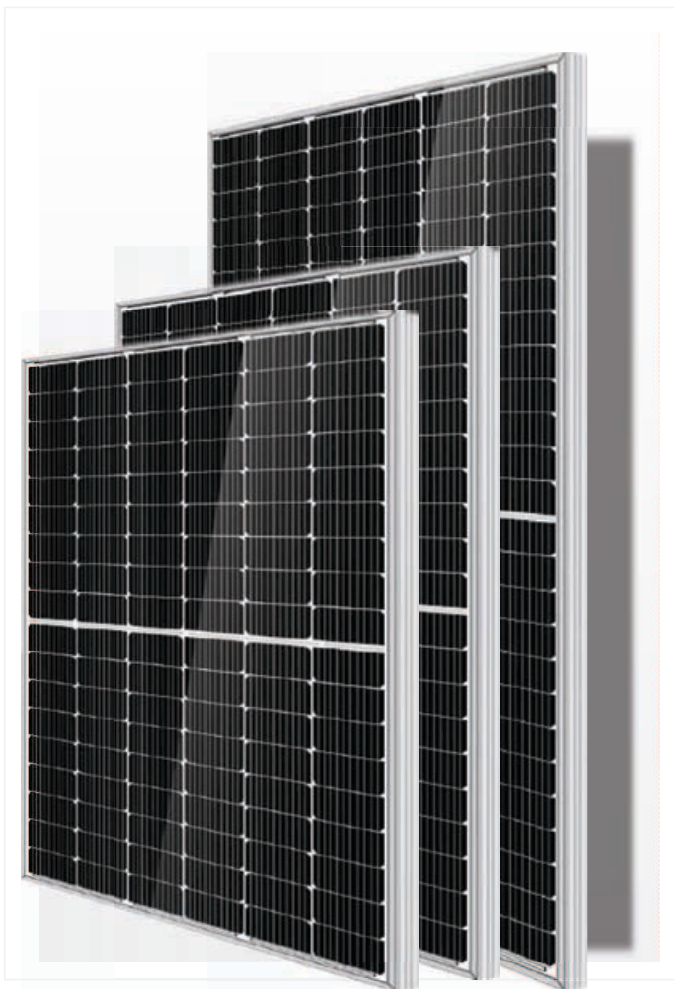
09

Cost-effective Competitiveness

10

Aesthetic Module Appearance

HS182-120M/132M/156M



Maximum power(W)



460

120Cell

510

132Cell

600

156Cell



conversion efficiency(%)



21.5

120Cell

20.6

132Cell

21.7

156Cell

01

Higher Conversion Efficiency and Higher Output Power

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Innovational 182 Half-cell Technology and Innovative PERC Solar Cell Technology

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Reduced Shadow Loss and Reduced Internal Mismatch Loss

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High performance under Low Light Conditions

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TUV, CQC and CE Certified Panel

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Harsh Environment Adaptability

07

Passed PID Test, Fire Test, Salt Mist Corrosion Test and Ammonia Corrosion Test

08

IEC 61215 61730 by TUV NORD
TUV Standard ISO 9001

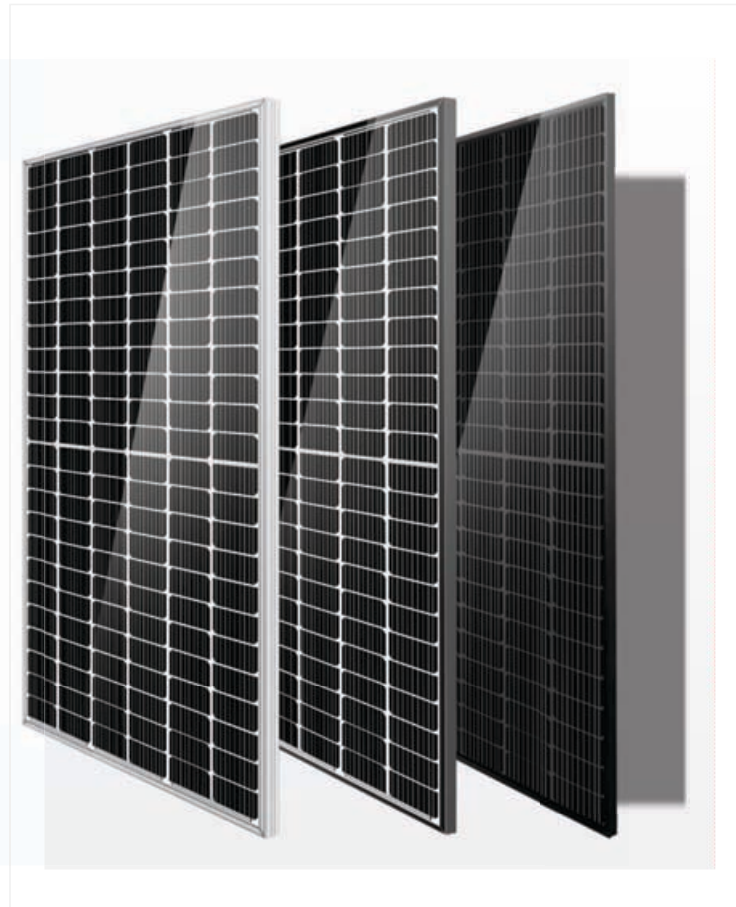
09

Cost-effective Competitiveness

10

Aesthetic Module Appearance

HS166-120M/144M



Maximum power(W)



380

120Cell

450

144Cell



conversion efficiency(%)



20.5

120Cell

20.4

144Cell

01

Higher Conversion Efficiency and Higher Output Power

02

Innovational 166 Half-cell Technology and Innovative PERC Solar Cell Technology

03

Reduced Shadow Loss and Reduced Internal Mismatch Loss

04

High performance under Low Light Conditions

05

TUV, CQC and CE Certified Panel

06

Harsh Environment Adaptability

07

Passed PID Test, Fire Test, Salt Mist Corrosion Test and Ammonia Corrosion Test

08

ISO 9001 Accredited by Manufacturing Facility

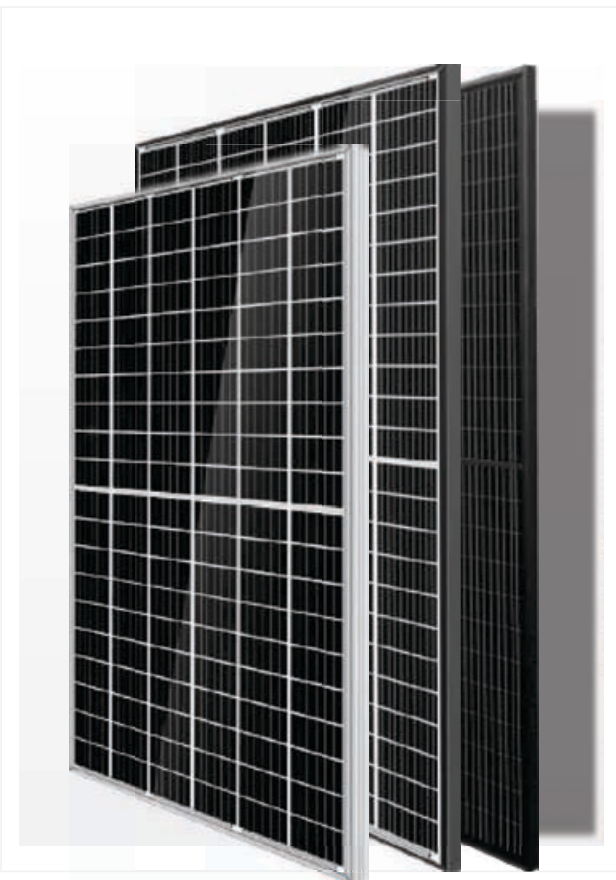
09

Cost-effective Competitiveness

10

Aesthetic Module Appearance

HS158-120M/144M



Maximum power(W)



345

120Cell

415

144Cell



conversion efficiency(%)



20.4

120Cell

20.6

144Cell

01

Higher Conversion Efficiency and Higher Output Power

02

Innovational 158 Half-cell Technology and Innovative PERC Solar Cell Technology

03

Reduced Shadow Loss and Reduced Internal Mismatch Loss

04

High performance under Low Light Conditions

05

TUV, CQC and CE Certified Panel

06

Harsh Environment Adaptability

07

Passed PID Test, Fire Test, Salt Mist Corrosion Test and Ammonia Corrosion Test

08

IEC 61215 61730 by TUV NORD
TUV Standard ISO 9001

09

Cost-effective Competitiveness

10

Aesthetic Module Appearance

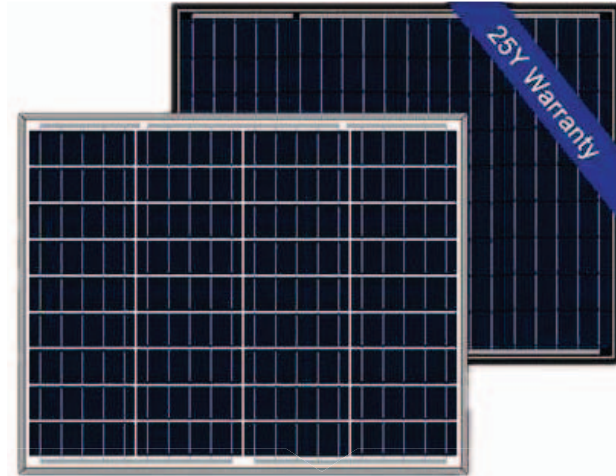


MONO/POLY:30W

Dimensions(mm):
650*350*25

No. Of Cells(Pcs):
36(2*18)

Frame:
Black/Silver



MONO/POLY:50W

Dimensions(mm):
540*670*30

No. Of Cells(Pcs):
36(4*9)

Frame:
Black/Silver

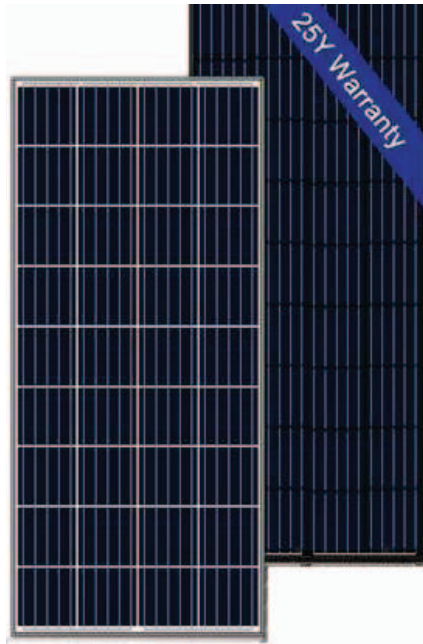


MONO/POLY:100W

Dimensions(mm):
1000*670*30

No. Of Cells(Pcs):
36(4*9)

Frame:
Black/Silver

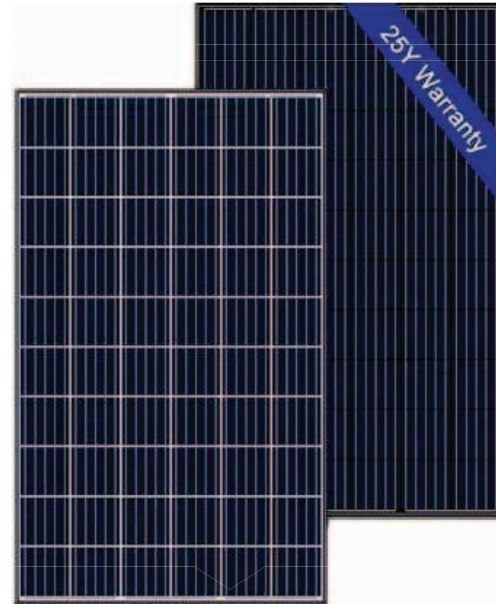


MONO/POLY:150-190W

Dimensions(mm):
1480*670*35

No. Of Cells(Pcs):
36(4*9)

Frame:
Black/Silver

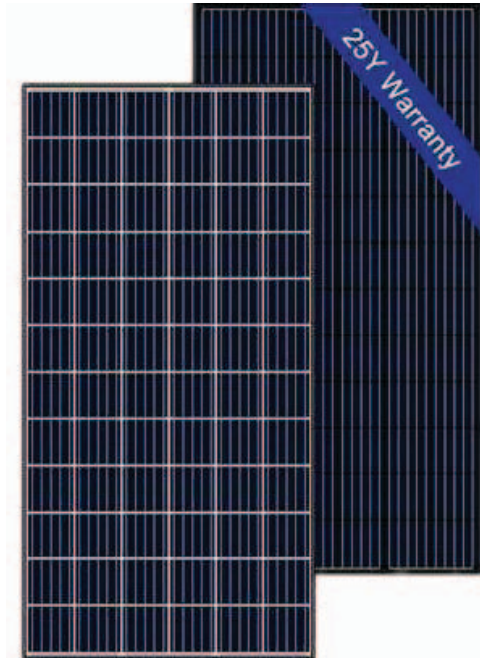


MONO/POLY:270-320W

Dimensions(mm):
1650*992*35

No. Of Cells(Pcs):
60(6*10)

Frame:
Black/Silver



MONO/POLY:340-380W

Dimensions(mm):
1960*992*40

No. Of Cells(Pcs):
72(6*12)

Frame:
Black/Silver

Customized Solar Module



25 Years Power Output Warranty
10 Years 90%, 25 Years 85%
15 Years Product Warranty on Materials

Warranty



High Performance in Low-light
Environment

Low Light



Windspeed-2400Pa
Snowload-5400Pa

Enhanced
External Load



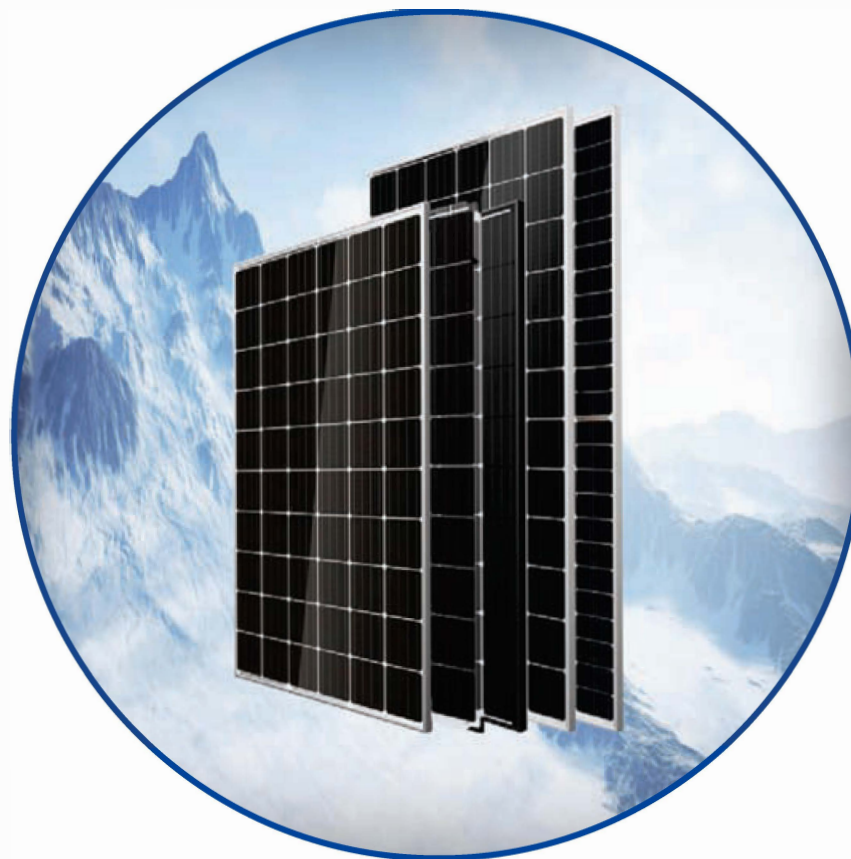
PID Resistance
High Transmissivity, Low-iron
Tempered Glass
High Luminous Transmittance EVA
Double Side Fluoro Backsheet
High Quality Aluminum Frame

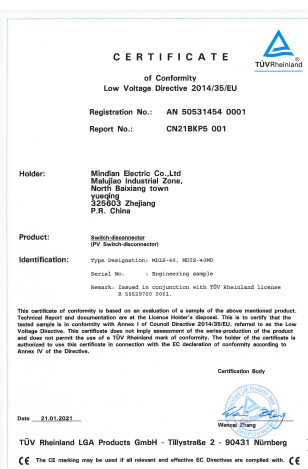
Qualified
Materials



0~+3%

Positive Power
Tolerance







03

Global PV Station

01



Project in Malaysia

Address

Xinshan City, Johor state capital

Capacity

1.3MW

Module

Horay brand 182 series 540W
mono solar modules

Project in Singapore

Address

Chwee Chian Road, off Pair Panjang Road, on Singapore's southern coast

Capacity

44.55kw

Module

Horay brand 182 series 540W & 166 series 450W mono solar modules

02





04

Project & Service



Distributed Rooftop System



Centralized Water-surface Power System

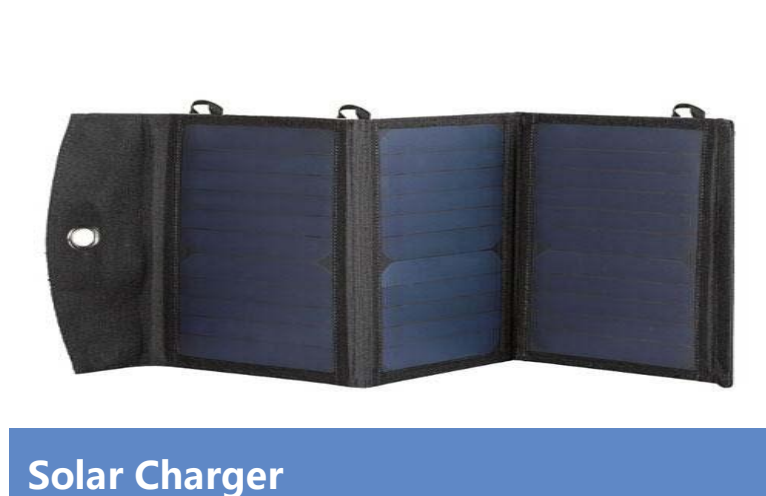


Distributed Rooftop System



Centralized Ground-mounted System

PV System Type





01

Quick Reponse

02

Reasonable RMA Rules

03

Professional Services Team

Informationization

Establish enterprise information system platform, introduce intelligent factory construction to improve production flexibility and decision-making efficiency, and set up automatic information collection and tracking system.



Internationalization

Gain a bigger share in the international market, cooperate with the local business to establish joint ventures and focus on the layout of markets of Europe, America and Southeast Asia

High Efficiency

Put high efficient PERC and black silicon technology into mass production investment to maintain efficiency and industry competitiveness

FUTURE PLANNING



“The purpose of the group is to supply the cost-effectively solar products to our clients. As is known to all, protecting the environment is to protect our future. MOREDAY Solar is willing to cooperate with everyone in order to make a good living and create a green homeland for the human beings in the world.”



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