

DAH Solar

Change to DAH Solar
Change to World



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DAH Solar is a Multinational Corporation

*Products are sold to more than
100 countries and regions around the world*



US Branch Off.



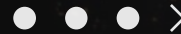
Brazil Branch Off.



German Branch Off.



Japan Branch Off.



*Branch offices in other
regions during preparation*



DAH Solar is Headquartered in Hefei, Anhui, China

*Established here
Global Management Center, R&D Team, Technical Team, Production
Base, Sales Team, etc.*

DAH Solar Production Capacity Scale



PV Module Capacity

5 GW

Solar Cell Capacity

3.5 GW

Silicon Wafer Capacity

2 GW

SolarUnit Capacity

200,000 Sets

*The above is
Projected capacity in 2023*

Number of Employees

2,000

Number of R&D Employees

15%



DAH Solar Product Technical Certifications & Global Patent Documents



R&D Investments

Patent Technologies

¥ **70** million / year

200 +



DAH Solar

Product Technology Innovations



High Efficiency PV Module

Full-Screen PV Module



N-TOPCon Solar Cell Technology

N-TOPCon PV Module



Integrated PV System

SolarUnit

Global Patented Product High Eff. PV Module

What is

Full-Screen PV Module



Appearance:

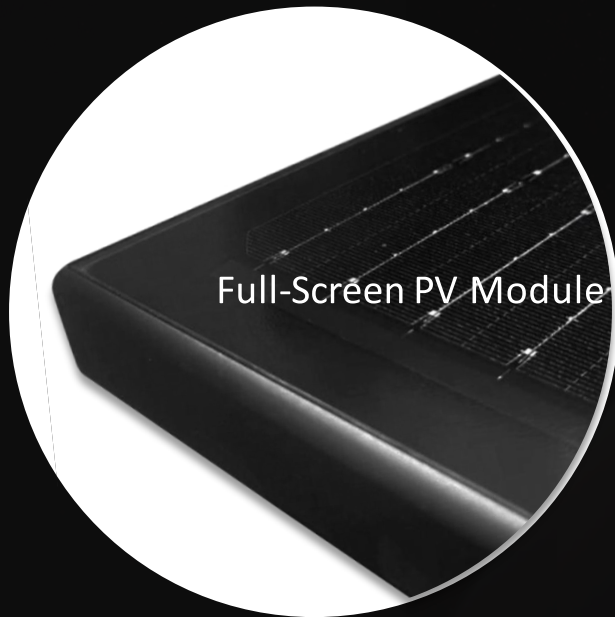
1. PV Module has no frame on the front
2. The frame on the side of PV Module adopts a 128° curved surface angle

Advantages:

1. The bottom of the PV Module will not accumulate water or dust
2. Reduced the cost of cleaning, operation and maintenance of photovoltaic power stations by 50%+
3. Increases photovoltaic power generation by about 6-15%

Appearance Differences

- Full-Screen PV Module without front frame
- Regular PV Module have a 5mm frame on the front



For 20 years
the most successful innovation in PV Modules

Cases Comparison:

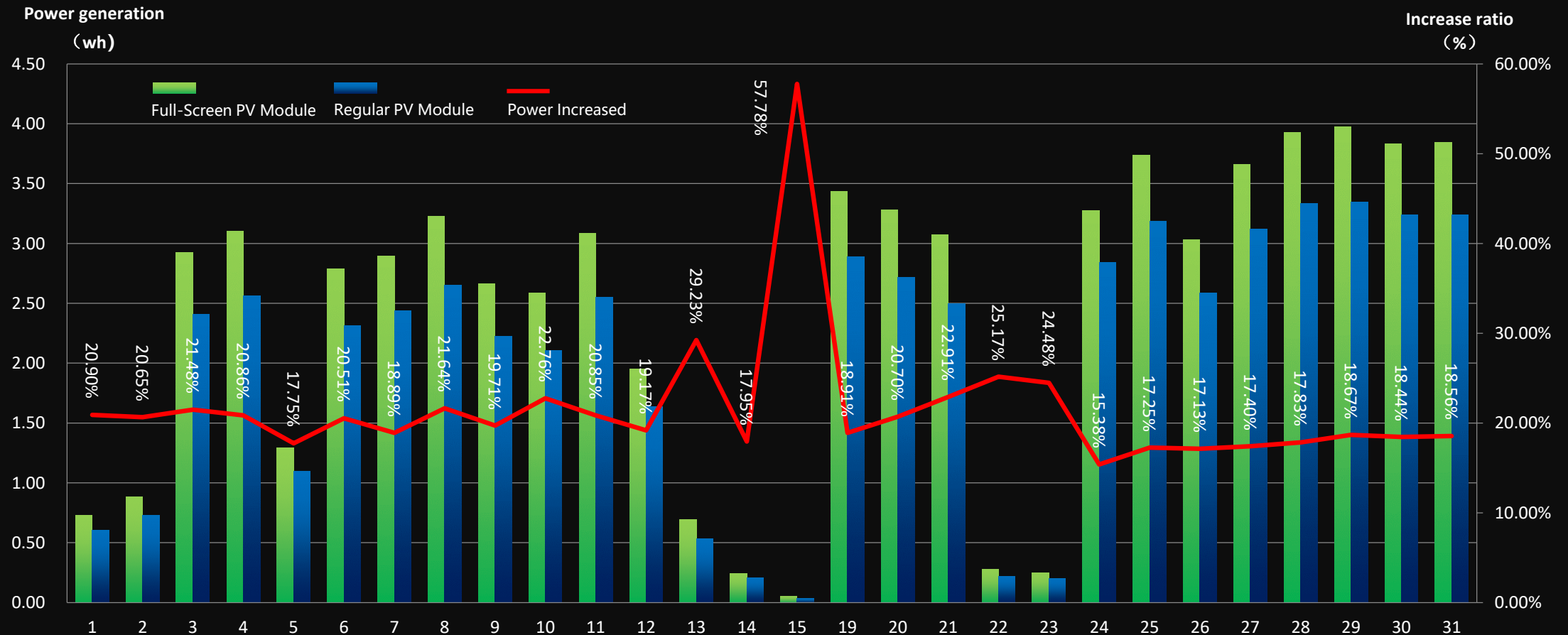
Regular PV Module (left)

Full-Screen PV Module (right)



Full-Screen PV Module

Power Generation Increases 6-15%



Global Patents

Product patent certifications in 18 countries and regions worldwide



N-TOPCon PV Module

N-TOPCon Solar Cell Technology

N-type TOPCon Solar Cell Has Higher Technical Efficiency



16BB

The gate lines are thinner and more,
Which have a stronger ability to collect current

High Efficiency
High Power Generation
Low Attenuation Rate
Intense and Dim Light Performance
Low Temperature Coefficient

The World's First Integrated PV System

SolarUnit

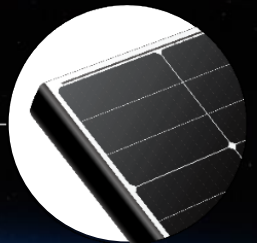
SolarUnit System
Maximum Conversion Efficiency

97.55%

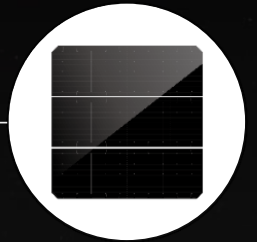
*Special Designed Module and Microinverter
Significantly Increase The Power Generation*



Innovative design of microinverter



Full-Screen PV Module



1/3 cut solar cells

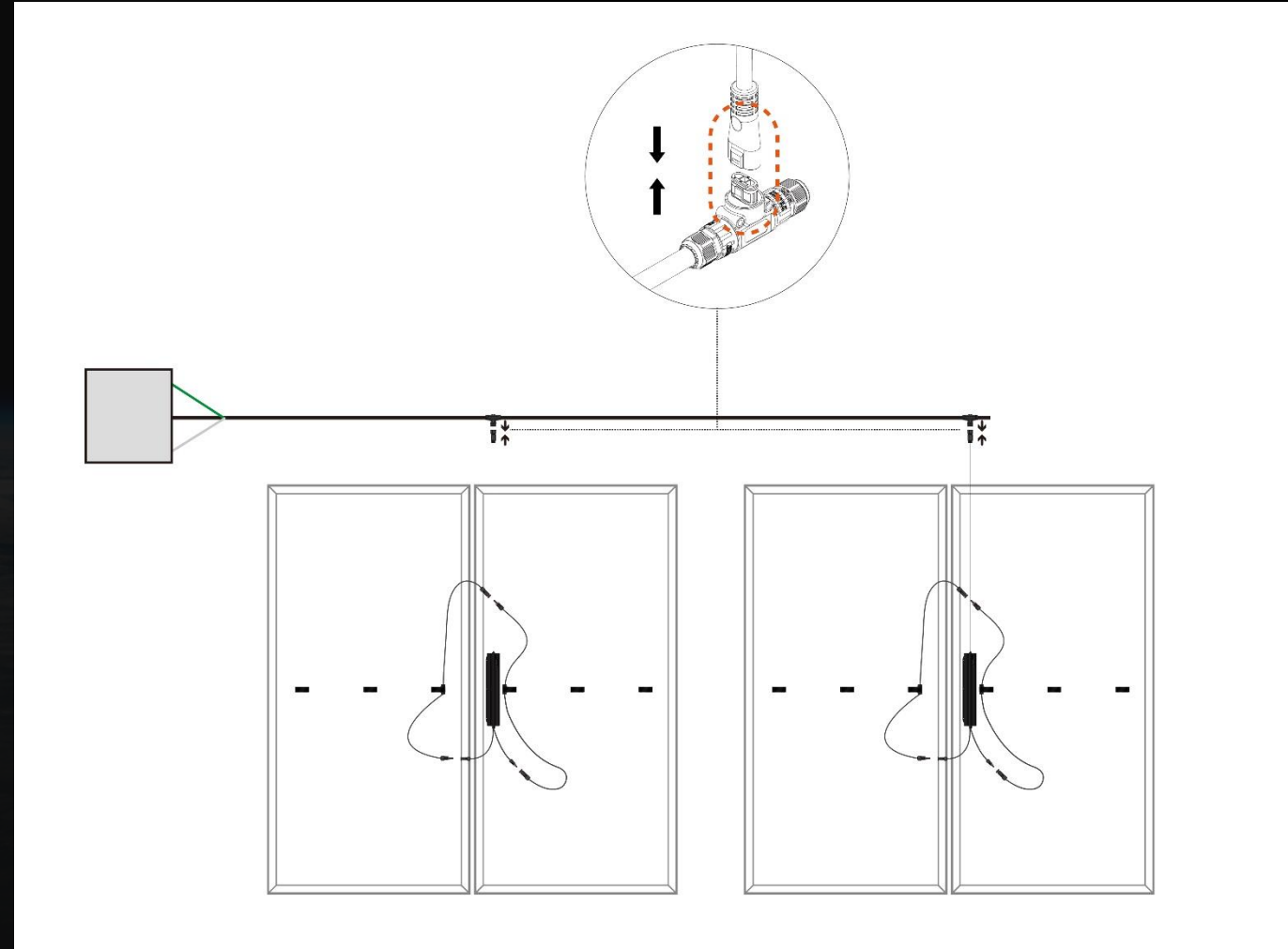
*Module and microinverter integrated
Together once it leaves the factory*

Easy Installation

Plug-in Connection

Module and microinverter integrated Together once it leaves the factory

- *Microinverter and module are assembled at the factory, which reduces Installation process*
- *Microinverter is light-weight, small size and convenient to install*
- *Unitized modules could support multiple parallel connections, which is easy to expand*




Residential Rooftop Installation Scenario

Design-Free

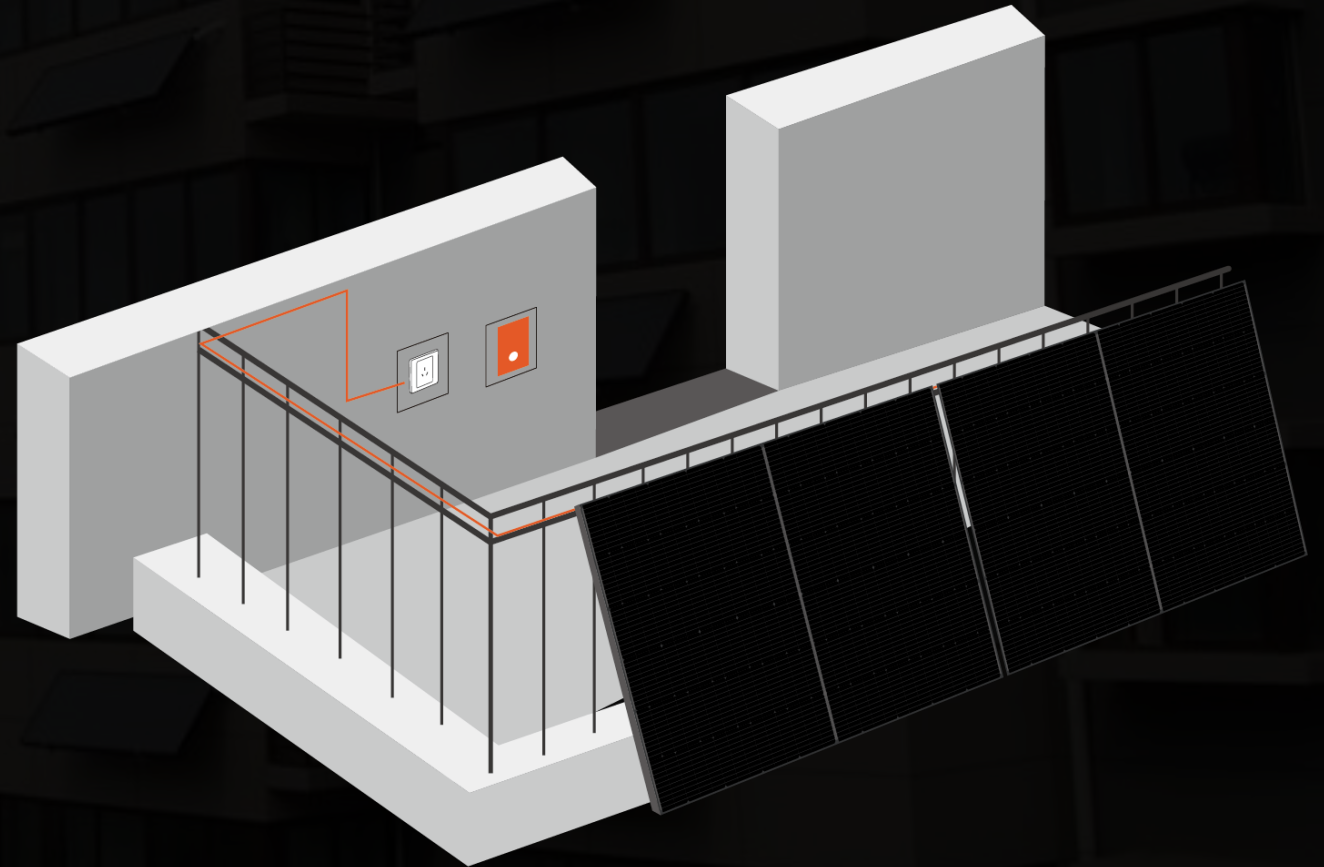
Independent Unitized Modules

*Preeminent Solar Solution
for Residential Usage*

- 
- An aerial view of a house with a dark grey roof. Several solar panels are installed on the roof, outlined with dashed white lines. Two red callout boxes with white text are present: '3 in 1' pointing to a panel on the left and '2 in 1' pointing to a panel on the right. The house is surrounded by green trees and a blue sky.
- Each unit operates independently without affecting each other
 - Can be installed at any orientations
 - Perfectly suits for complex rooftop installation, and improves space utilization, which increases the power generation efficiency

Balcony PV Application Scenarios

Easy & Convenient
Installation



Make PV power more Convenient for uses

SolarUnit Configuration List

Equipment	SolarUnit	Traditional AC Module
Module	Module and microinverter integrated, factory assembled 1KW/2KW/3KW...Sold as a set Easy to expand	Purchase
Microinverter		Purchase
ECU Unit	Contained	Purchase
T-type AC Busbar	Contained	Purchase
Bracket	Contained	Purchase
Combiner Box	Contained	Purchase
Ammeter	Contained	Purchase



Headquarter Base

PV Module Capacity

2.5 GW

SolarUnit

2 × 100000
Sets

☆ 2023 Capacity Projection



TOPCon Base

TWO

TOPCon Solar Cell Capacity

5.5_{GW}

TOPCon PV Module Capacity

2.5_{GW}

☆ 2023 Capacity Projection



Silicon Wafer Base

Silicon Wafer Capacity

2_{GW}

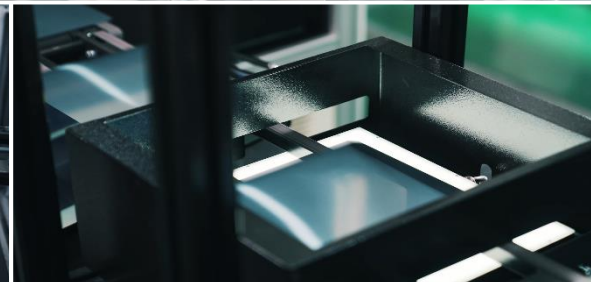
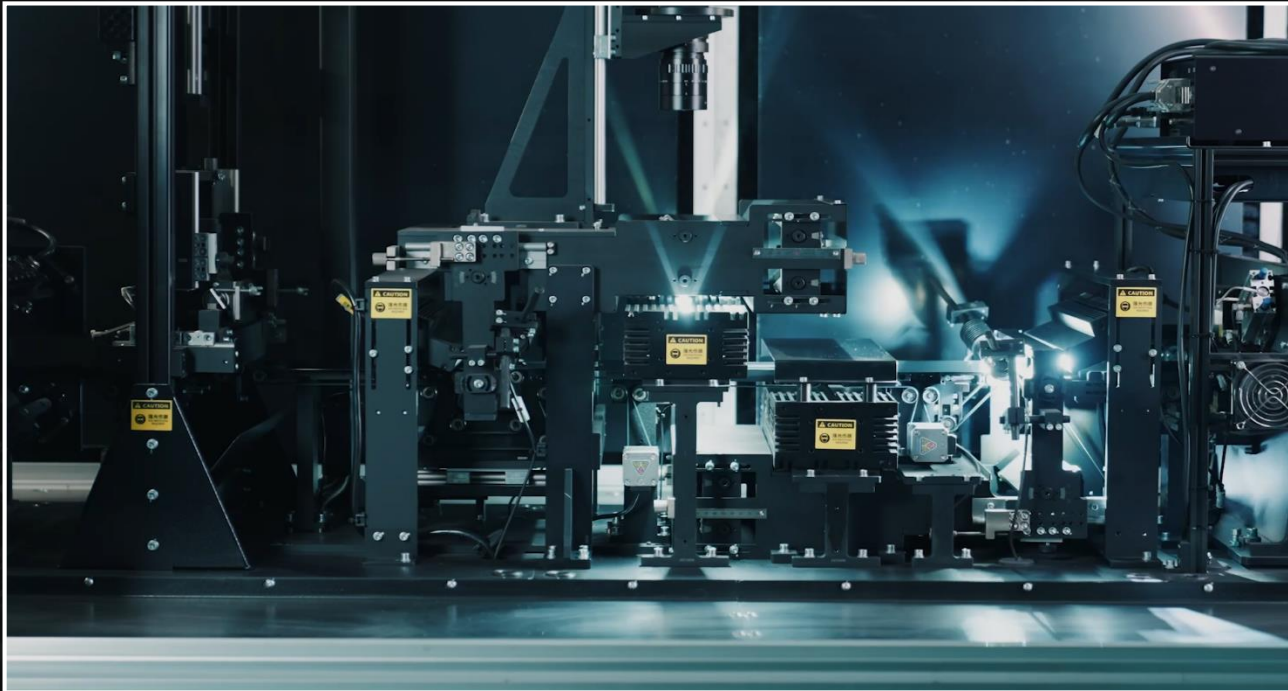
☆ 2023 Capacity Projection



PV Module Intelligent Production Stream



Intelligent Production Factory for Solar Cells



Global Markets

US Branch Off.

Rotterdam
Warehouse

German Branch Off.

HQ · CHINA

Japan Branch Off.

Nigeria

Brazil Branch Off.

South Africa

Indonesia

Australia

With the headquarter in China as the operation center and the German, Japanese, Brazilian, and the US branch offices as the regional sales centers, the company radiates to the surrounding areas.

Exporting Countries

100 +

Ranking on E-commerce

TOP 3

Brand Influence in Brazil

TOP 4

Compound Growth of Export in Years

90%

Global Exhibitions



Industrial Factory Rooftops Case



「NIO Factory
Rooftop Power Station

32 MW



Industrial Factory Rooftops Case



DFSK Motor Factory
Steel Rooftop PV Power Station
Car Shed PV Power Station

37 MW



Industrial Factory Rooftops Case



Environmental
Protection Company

35 MW



Industrial Factory Rooftops Case



「*Joinhanas Company*

2.5 MW



Industrial Factory Rooftops Case



「Zhongyi
Electric Power Company

1.04 MW



Industrial Factory Rooftops Case



「Juren PV Company

1.75 MW



Distributed PV Power Station Cases

*25kW Ireland PV Module Project
11kW Austria PV Module Project*



*8kW Mexico PV Module Project
14kW Poland PV Module Project
25.5kW Bulgaria PV Module Project*



Distributed PV Power Station Cases



*16kW Mexico PV Module Project
8kW Netherlands PV Module Project*



*7kW Mexico PV Module Project
40kW Bulgaria PV Module Project
70kW Australia PV Module Project*



Residential PV Power Station Cases



*200kW Thailand PV Module Project
76kW El Salvador PV Module Project*



*22kW Mexico PV Module Project
10kW Estonia PV Module Project
10kW Netherlands PV Module Project*



Residential PV Power Station Cases



*18kW Germany PV Module Project
10kW Sweden PV Module Project*



*20kW Netherlands PV Module Project
50kW Poland PV Module Project
30kW Slovenia PV Module Project*

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Change to World

Thank You for Your Attention

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