



MOREDAY



MORE THEN SOLAR

MINDIAN ELECTRIC CO., LTD.

Add: Malujiao Industrial Zone, North Baixiang town, Yueqing, Zhejiang, China.

Sales call: 0577-62860666 0577-62860667

Http: www.moredaysolar.com

E-mail: info@moredaysolar.com

MDYB220222

WWW.MOREDAYSOLAR.COM

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Company renderings, subject to actual conditions

COMPANY PROFILE

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



President's thoughts

As we look back on 2020, I am proud of how we adapted to the challenges that came our way. We took care of our employees, provided for our customers and partners, and prospered along the way.

We are optimistic about our resilience, flexibility, and solid business processes, reflecting the best in sustainability.

Sustainability is at our core at MOREDAY and our purpose remains to advance a sustainable future for all. As part of our commitment, we released our Reports on the development of the photovoltaic field in the next five years and better sustainable approaches. As we work towards an equitable energy future for all, we are aware of the importance of mobilizing the world to reduce the carbon footprint and electrify the planet.

We will continue to work hard to deliver high quality products that produce clean energy, save our customers money, and provide them with complete energy independence. Looking forward in 2021, we are excited about the strength in worldwide demand for solar, the ramp of our solar systems and upcoming new products, the higher levels of customer service, and our ongoing digital transformation efforts.

As always, I thank our employees, customers, partners, and shareholders for their continued support.

we will continue with our mission to deliver technology solutions that make clean energy affordable, reliable and accessible to all.

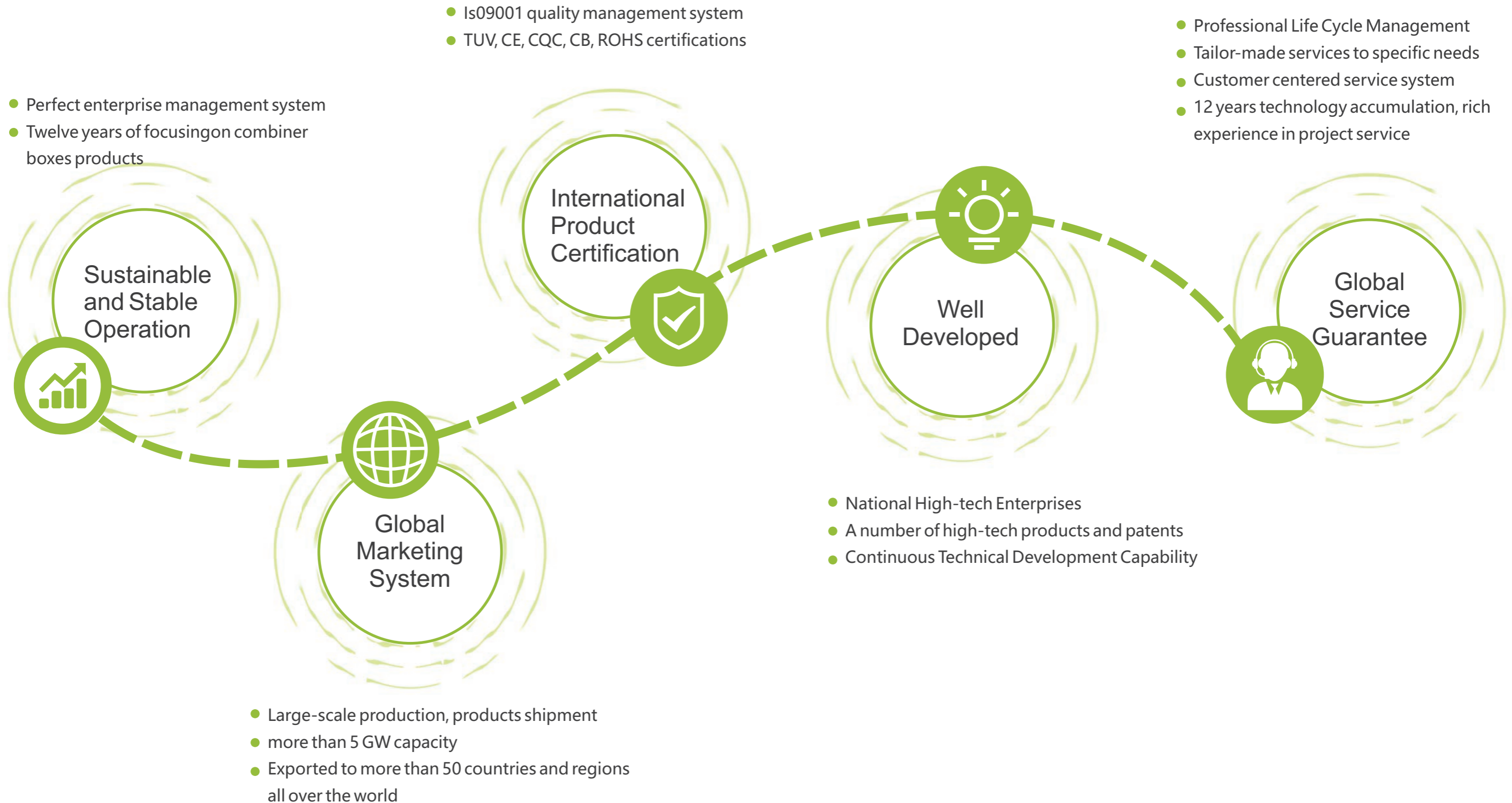
To be continued, More than solar



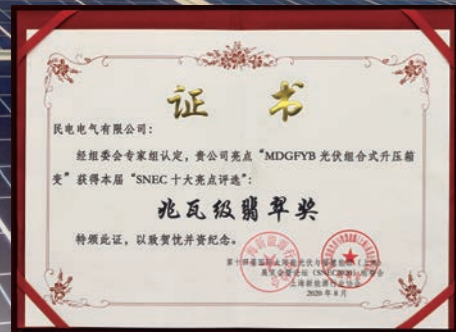
Dedao Huang
President and CEO

Oct.20, 2021

Corporate Advantage



Enterprise honor and qualification



PATENT FOR INVENTION

UTILITY MODEL PATENT CERTIFICATE

DESIGN PATENT CERTIFICATE

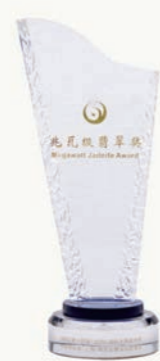
TECHNOLOGY-BASED ENTERPRISE



ISO14001

ISO9001

ISO45001



CE



CQC

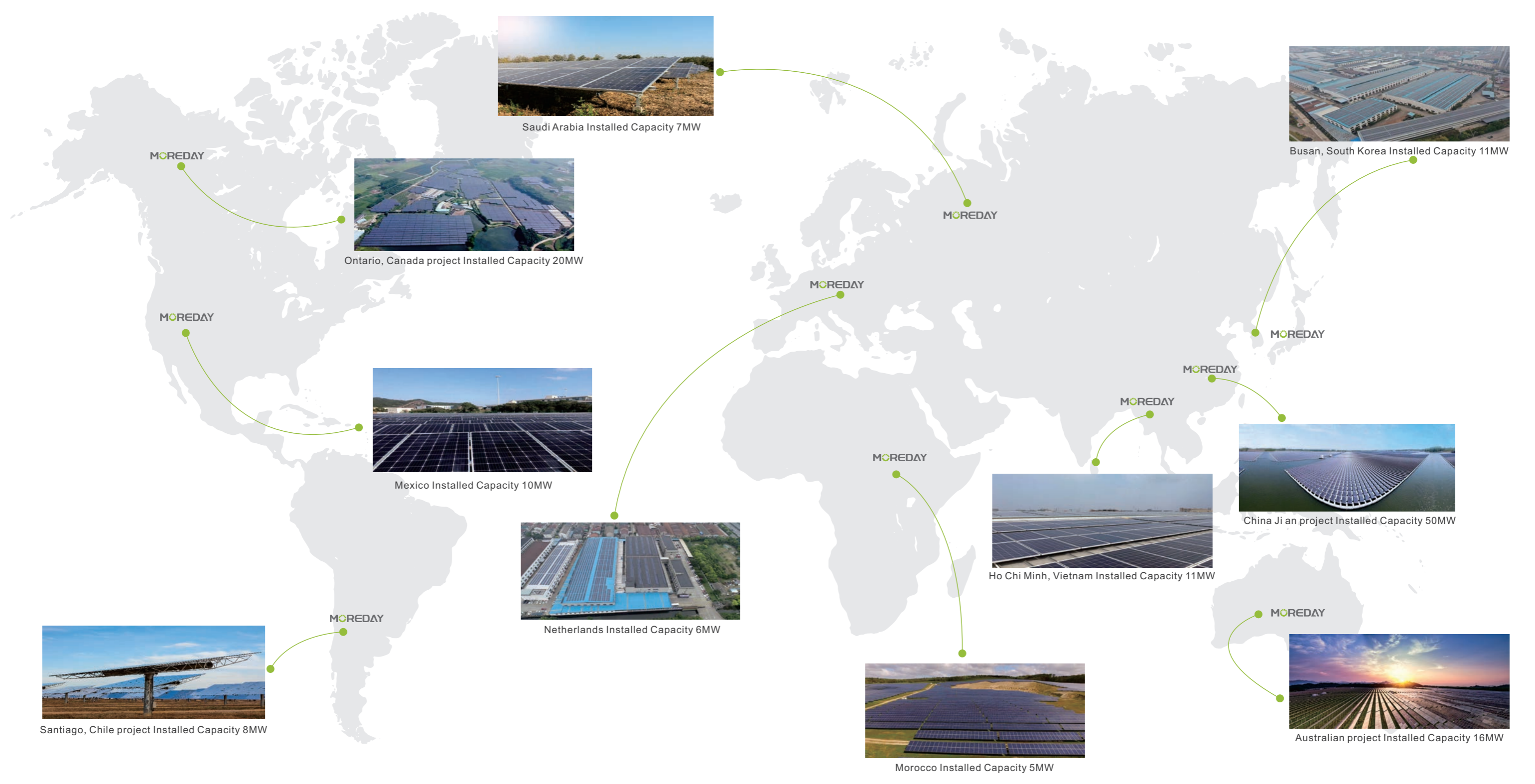
- Member of Asian Photovoltaic Industry Association
- National high-tech enterprise
- Well-known brands in China's photovoltaic industry in 2019
- Caring for employees and caring enterprises in 2020

- 2019、2020 SNEC Megawatt jade Award
- 2020 Outstanding Photovoltaic Enterprise
- Chinese technology-based SMEs
- Zhejiang Promise-keeping 3A Enterprise

MOREDAY

Corporate partner





50+ Exporting Countries
5GW+ Cumulative shipments
30+ Patents
12yrs Industry experience
1000+ Global customers

► Overview

MDHL PV AC combiner box is an important part of PV series string power generation system, which is responsible for string inverter and AC power distribution cabinet or step-up transformer. The product can access up to 4/6/8 PV inverters. It can be customized according to user requirements.

► Features

High reliability

Use photovoltaic special AC surge protector

The photovoltaic special AC circuit breaker is used, and the rated voltage can reach 690V AC.

Strong adaptability

Ip65 protection, waterproof, dust proof and UV resistant.

Strict high and low temperature test, suitable for a wide area.

The installation is simple, the system wiring is simplified, and the wiring is convenient.

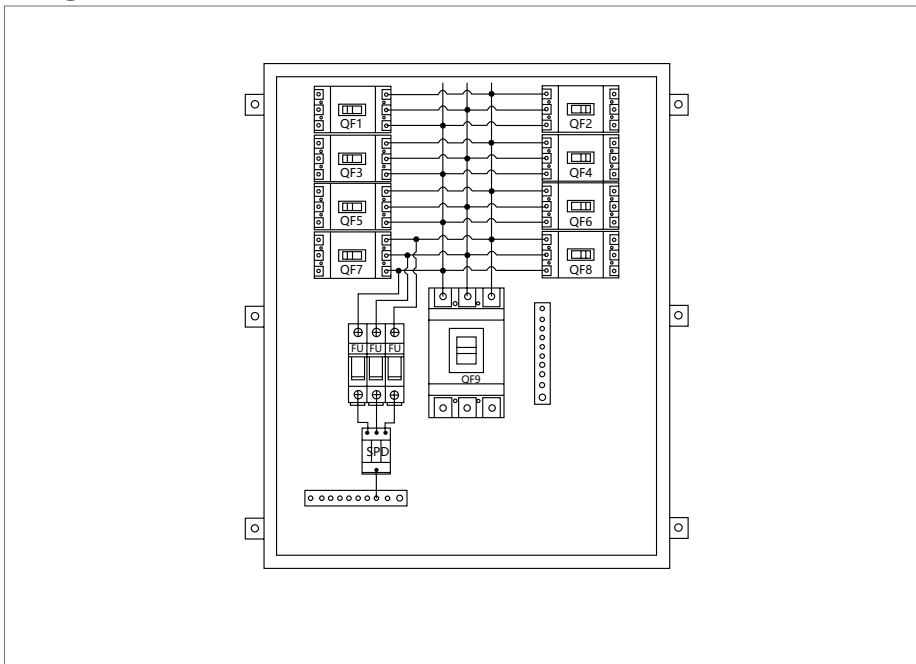
The box is made of a metal material such as cold rolled steel.

Flexible configuration

It is suitable for the AC output of 1~50KW PV string inverter. According to the capacity of the inverter, the current level of the circuit breaker can be modified.



► Diagram



► Technical Parameters

Product number	MDHL-4/1	MDHL-6/1	MDHL-8/1
Number of input channels	4	6	8
Maximum input voltage	690V AC		
Input current per channel	0~250A	0~200A	0~100A
Highest output current	800A		
Un Rated working voltage Un	480V AC		
Up Voltage protection level Up	≤ 3.2kV		
Nominal flow capacity In (8/20μs)	20kA (Can be selected according to customer requirements)		
Maximum flow capacity I _{max} (8/20μs)	40kA (Can be selected according to customer requirements)		
Response time	<25ns		
Temperature and humidity	Working temperature: -40~+85°C, humidity 95%, no condensation, no corrosive gas		
Altitude	≤ 4000m		
Input and output switch	Breaker		
Surge protector	Standard		
Box material	Hot-dip galvanized steel sheet/stainless steel/cold rolled steel sheet/engineering plastic		
Box protection level	IP65		
Cable connector protection rating	IP66		
Volume (width × height × depth)	900mm×1000mm×200mm	700mm×1000mm×200mm	800mm×1000mm×200mm

► Diagram

