



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

MOREDAY

MOREDAY



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.

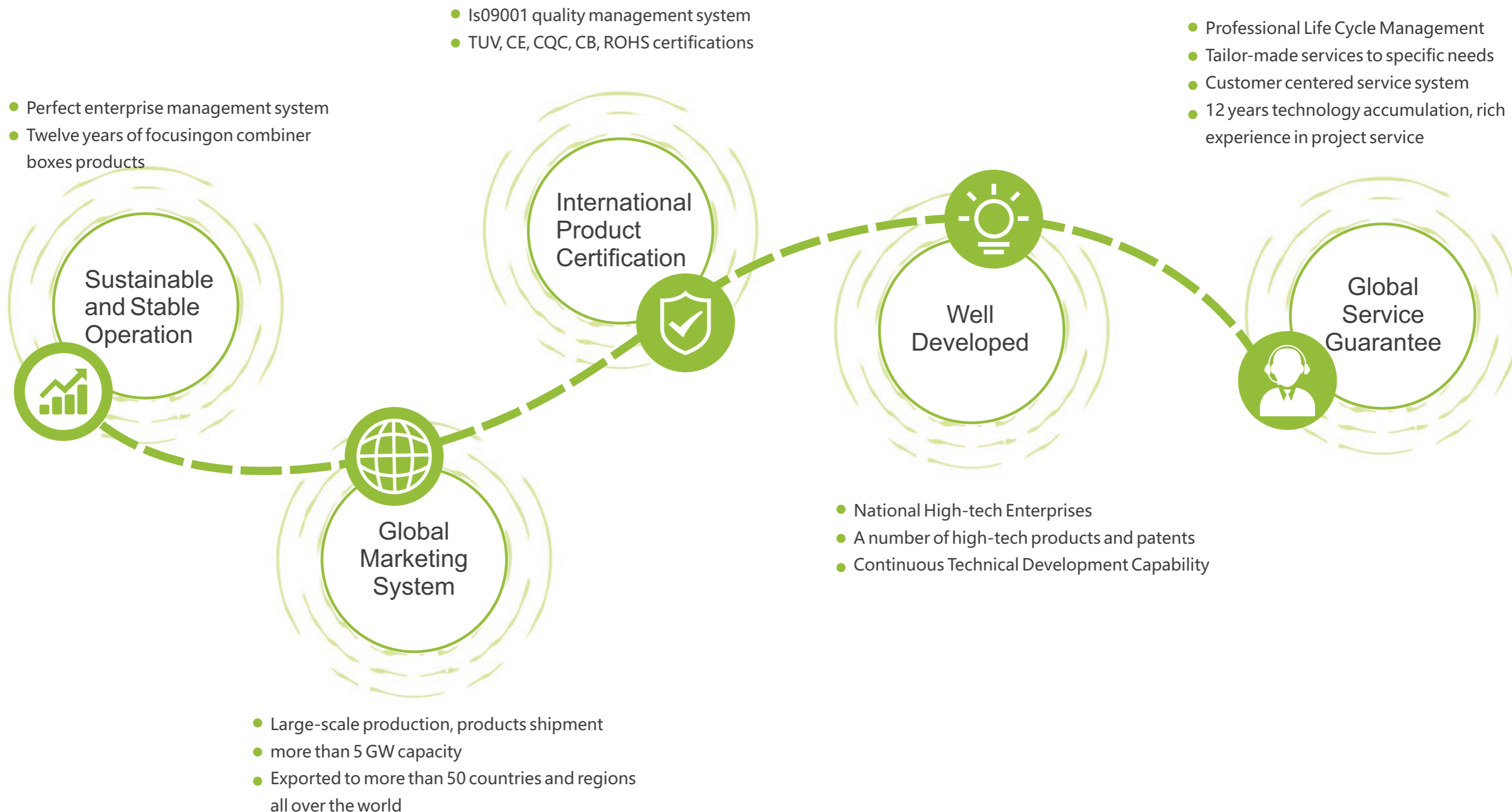
To be continued, More than solar



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

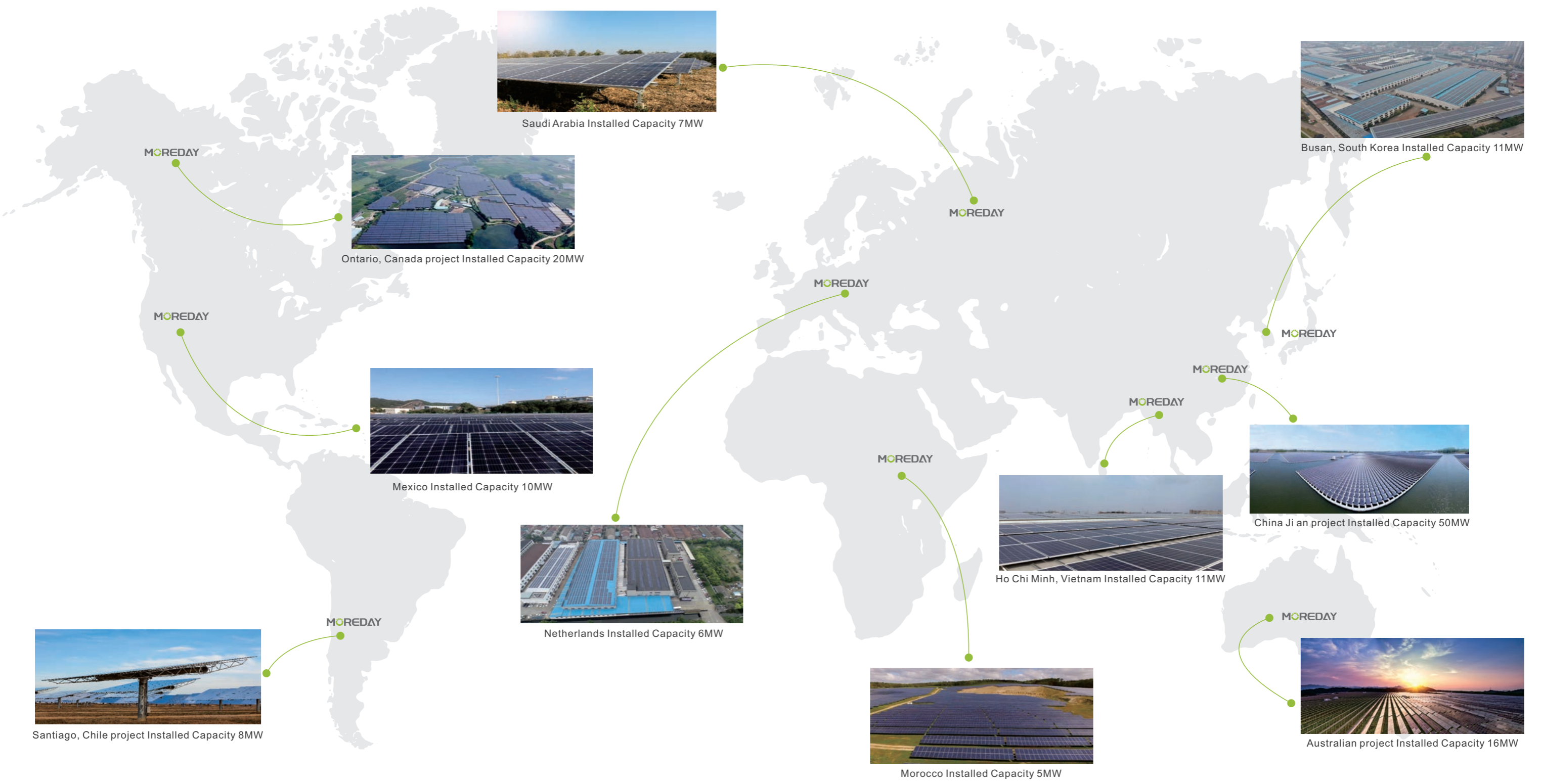
- Member of Asian Photovoltaic Industry Association
- National high-tech enterprise
- Well-known brands in China's photovoltaic industry in 2019
- Caring for employees and caring enterprises in 2020

- 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

PV plastic smart circuit breakers (hereinafter referred to as: circuit breaker) is a circuit breaker integrating residual current relay, contactor and molded case circuit breaker. It is suitable for three-phase four-wire neutral point grounding power supply and demand system. Or the ground fault of the electrical equipment, over current, short circuit, phase loss and over voltage protection. It can also prevent electrical fires and electrical equipment damage caused by ground faults of electrical circuits or electrical equipment and provide indirect contact protection for personal electric shock hazards.

The product complies with the GB14048.2-2008 GB/T22387-2008 standard.

The photovoltaic molded case intelligent circuit breaker is equipped with RS485 serial interface, which can set the protection characteristic parameters through the programmer, and can meet the requirements of communication networking.



► The main technical parameters

Specification model	MDM8L-125	MDM8L-250	MDM8L-400	MDM8L-630	MDM8L-800
Rated Voltage(V)	380V	380V	380V	380V	380V
Shelf current I _n (A)	125	250	400	630	800
Rated current I _r (standard type)	40, 63, 80, 100, 125	100, 160, 200, 250	250, 315, 350, 400	400, 500, 630	630, 700, 800
Rated current I _r (electronic)	(0.4-1.0) x I _n +off (can be adjusted every 0.1I _n)				
Rated ultimate short-circuit breaking capacity I _{cu} (kA)	30	35	50	65	65
Rated operating short-circuit breaking capacity I _{cs} (kA)	15	22	35	42	42
Rated residual short-circuiting (breaking) capability I _{Δm} (kA)	7.5	8.75	12.5	16.25	16.25
Rated residual operating current I _{Δn} (standard type)	75mA/150mA/300mA/500mA		100mA/200mA/300mA/500mA	100mA/300mA/500mA/800mA	
	Leakage alarm, automatic tracking				
Rated residual operating current I _{Δn} (electronic)	50mA/100mA/300mA/500mA/800mA/1000mA/leakage alarm, automatic tracking				
Rated residual non-operating current	0.5 I _{Δn}				
Residual current breaking time	≤ 0.2S S-type 0.5S 1S				
Limit no drive time	Δt>0.06s (2 I _{Δn}) (S-type)				
Undervoltage action value (standard type)	145V±5% (automatically close after voltage recovery)				
Overvoltage action value (standard type)	280V±5% (automatically close after voltage recovery)				

