



MOREDAY



MORE THEN SOLAR

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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

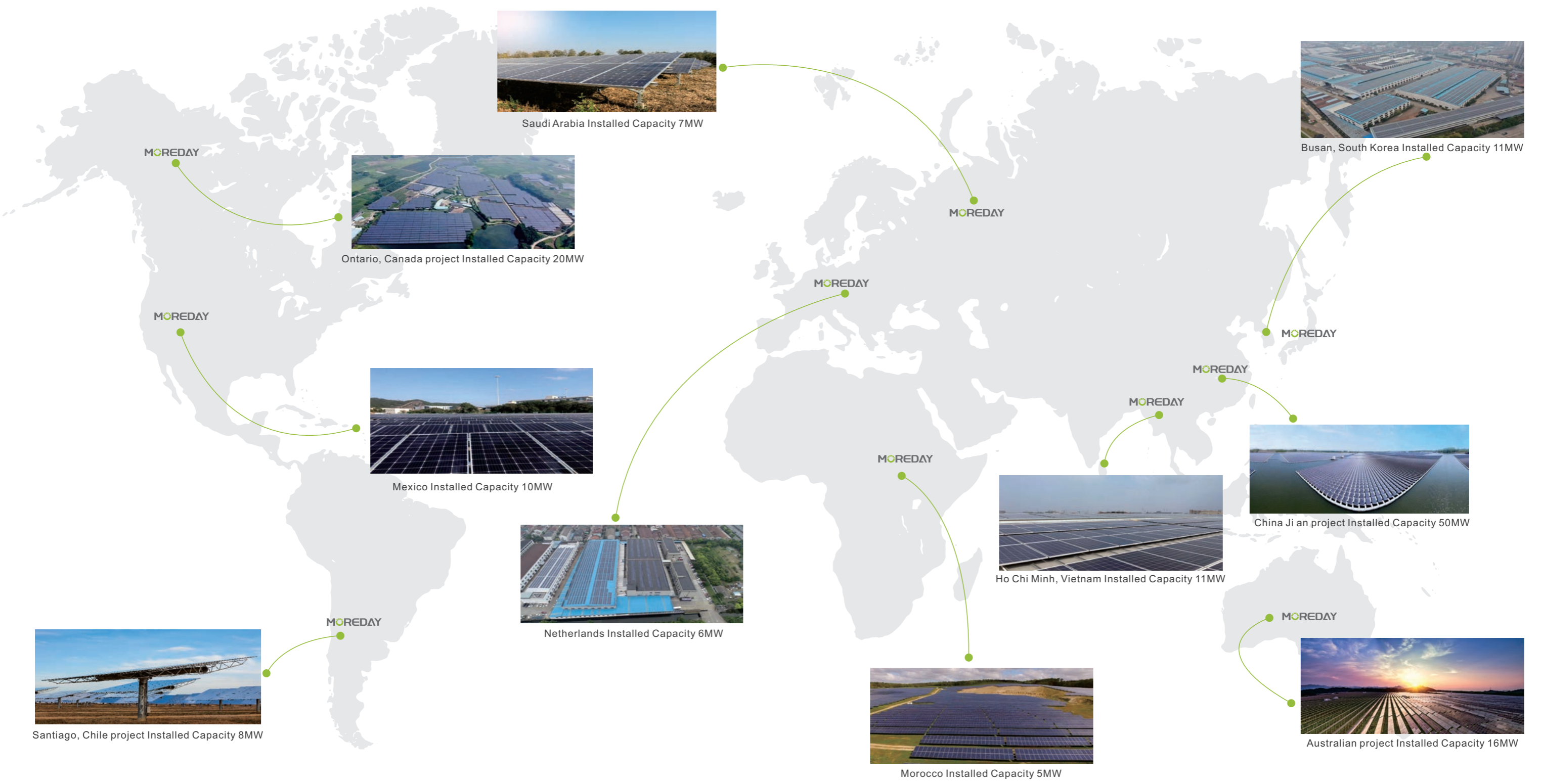
- Member of Asian Photovoltaic Industry Association
- National high-tech enterprise
- Well-known brands in China's photovoltaic industry in 2019
- Caring for employees and caring enterprises in 2020

- 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

MDM1Z PV DC Moulded Case Circuit Breaker (MCCB) are mainly used in large solar power system, which are applied for solar DC combiner box, inverter and DC power distribution cabinet. Rated voltage up to 1000V DC, current up to 630A, with the function of overload protection and short-circuit protection.

- High Shot- Circuit/Breaking Capacity
- Protection Functions: Overload, Short circuit, Unfrequent Operation
- Rated Voltage up to 1000V DC
- Rated Current 125A, 250A, 400A, 630A
- IEC60947-2, GB14048-2
- Easy Installation



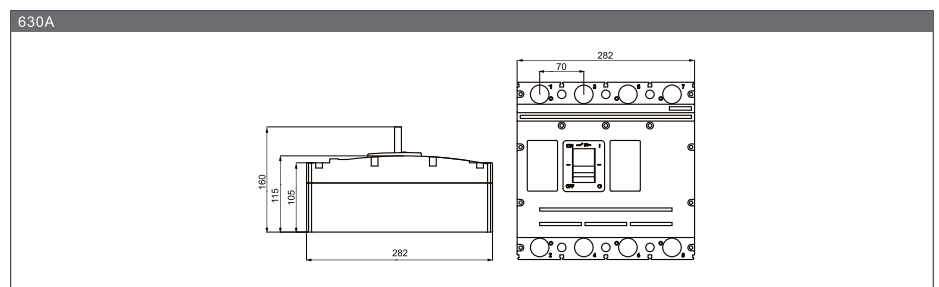
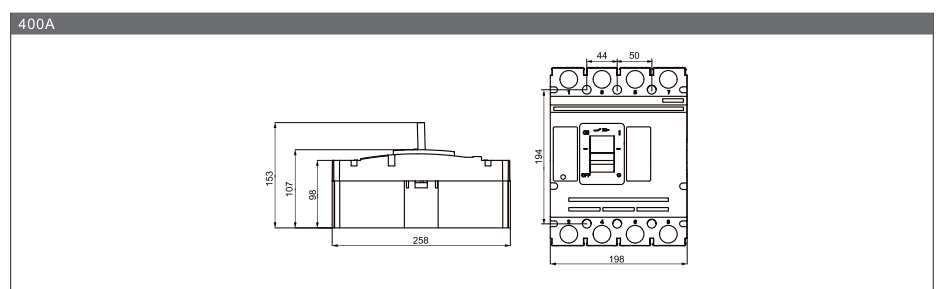
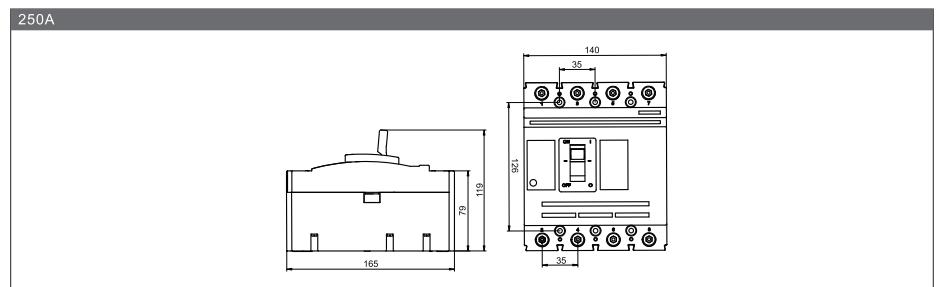
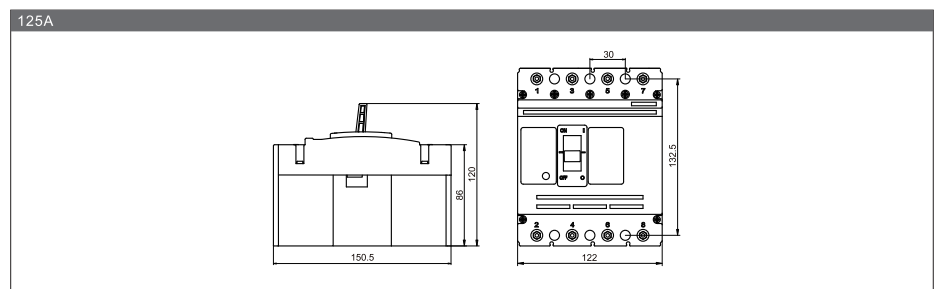
MDM1Z-125



MDM5Z-400



► Dimensions(unit:mm)



► Technical Specification

BD series PV DC MCCB					
Type		MDM1Z-125	MDM1Z-250	MDM5Z-400	MDM5Z-630
Pole		4P	4P	4P	4P
Max Rated Current		125A	250A	400A	630A
Electrical Characteristics					
Rated Working Voltage	U _e	1000V DC	1000V DC	1000V/1500V DC	1000V/1500V DC
Rated Current	I _n (A)	63/80/100/125	125/160/200/250	250/300/315 350/400	400/500/630
Rated Insulated Voltage	U _i	1000V DC			
Rated Impulsed Voltage	U _{imp}	8kV			
1 Min Power Frequency Withstand Voltage		3.8 kV	3.8 kV	3.8 kV	3.8 kV
Ultimate Breaking Capacity	I _{cu}	20 KA	20 KA	20 KA	20 KA
Run Breaking Capacity	I _{cs}	15 KA	15 KA	15 KA	15 KA
Protection					
Tripping Type		Thermal Magnetic Type			
Control And Indication					
Control Mode	Manual	Direct (RHD)	Optional		
		Extended(ERH)	Optional		
	MOD		Optional		
Shunt Release (SHT)			Optional		
Auxiliary Release			Optional		
Terminal End Cover			Yes		
Interphase Barriers			Yes		
Service Life/Cycle Operation					
Mechanical		14000	14000	5000	5000
Electrical		5000	5000	1500	1500
Size(LxWxH)		150.5x122x92.5	165x140x88	258x198x107	282x282x115
Ingress Protection		All Sides IP40 ,Connection Terminal IP20			
Installation Environment					
Comply With		IE C60947-2/GB14048.2			
Storage Temperature		-40°C ~ +85°C			

► Wiring Diagram

