



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

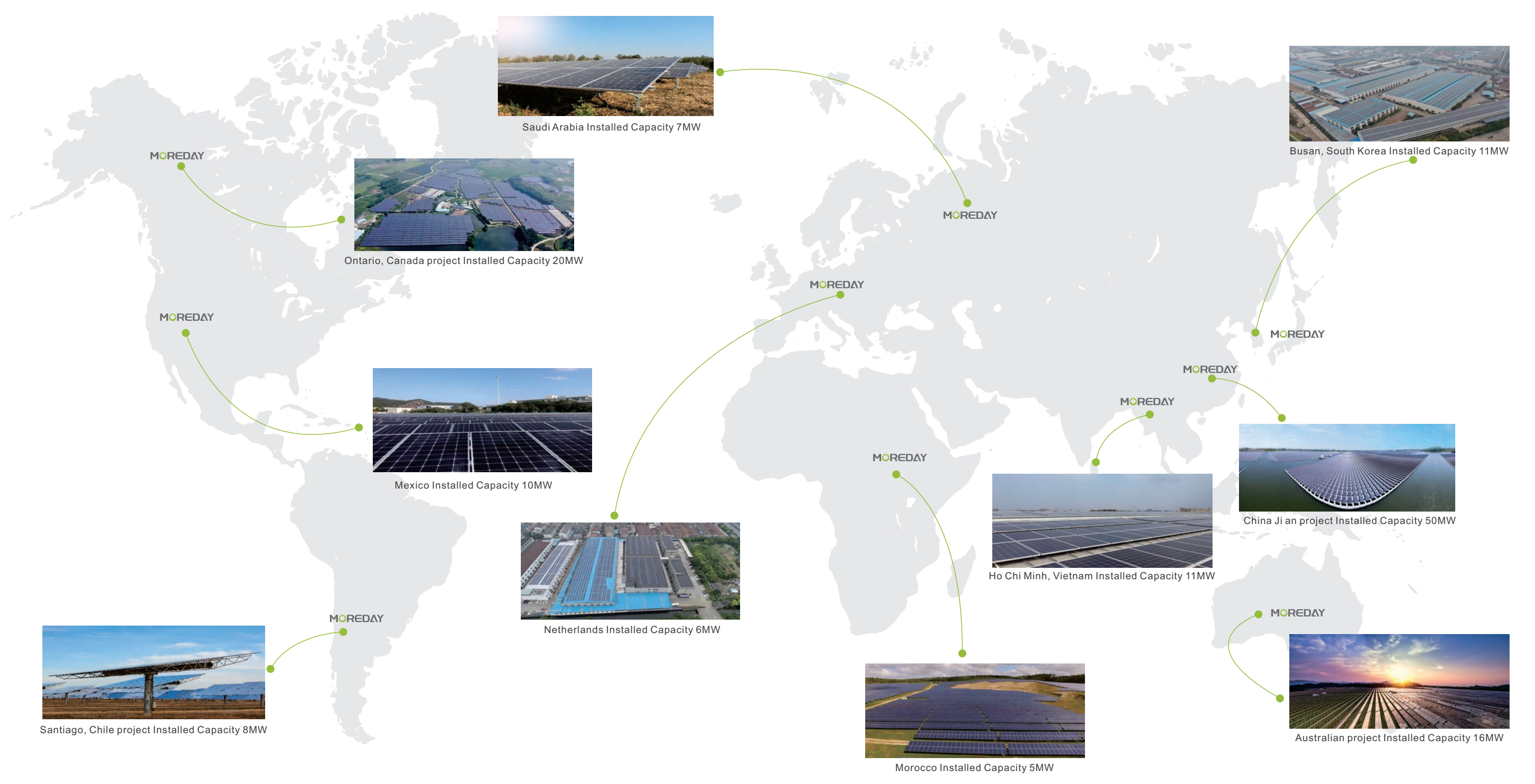
- Member of Asian Photovoltaic Industry Association
- National high-tech enterprise
- Well-known brands in China's photovoltaic industry in 2019
- Caring for employees and caring enterprises in 2020

- 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

Suitable for household and industrial and commercial photovoltaic power generation systems;
 Integrated DC junction box and AC distribution box;
 Maximum suitable for 6kW single-phase photovoltaic power generation system;
 Maximum applicable to 20kW three-phase photovoltaic power generation system;
 Meet customer's customized needs.



Model	Voltage	Maximum system power	Optional
MDCDB-S3	600V	3kW	1. Meter
MDCDB-S6	600V	6kW	2. AC fuses
MDCDB-T10	1000V	10kW	3. Overvoltage protection device
MDCDB-T20	1000V	20kW	4. other

► Technical Parameters

Model	MDCDB-1	MDCDB-2	MDCDB-3	MDCDB-4
Basic parameters				
DC input string	1 string	2 string	2 string	4 string
DC output string	1 string	2 string	2 string	4 string
Maximum DC input voltage	600V	600V	1000V	1000V
Maximum DC short-circuit current	15A to 32A (Optional)			
Maximum DC output current	32A			
Rated AC voltage	220 / 230 / 240V AC	220 / 230 / 240V AC	380 / 400 / 415V AC	380 / 400 / 415V AC
Rated AC current	13.6A/16A	27.3A/32A	15.2A/20A	30.4A/40A
Rated frequency	50/60 Hz			
Optional function				
Meter	Optional			
AC fuses	Optional			
Overvoltage protection device	Optional			
DC monitoring	Optional			
AC leakage protector	Optional			



► Technical Parameters

Model	MDCDB-1	MDCDB-2	MDCDB-3	MDCDB-4
Enclosure				
Cabinet material	PC+ABS			
Anti-UV	Yes			
Foreign body protection level	IP65			
Collision protection level	IK10			
Dimensions (W*H*D)	Customized			
DC input port	PG09, 2.5 to 4mm ²			
DC output port	PG09, 2.5 to 4mm ²			
AC input port	PG25, 2.5 to 6mm ²	PG25, 2.5 to 10mm ²	PG25, 2.5 to 6mm ²	PG25, 2.5 to 10mm ²
AC output port	PG25, 2.5 to 6mm ²	PG25, 2.5 to 10mm ²	PG25, 2.5 to 6mm ²	Pg25, 2.5 to 10mm ²
DC isolated switch				
Rated insulation voltage	600V	600V	1000V	1000V
Rated current	32A			
Classification	DC-PV1/DC-PV2			
Executive Standard	IEC/EN 60947-3, UL508I			
Certification	CE, TUV, SAA, CB			
DC surge protection				
Maximum working voltage	1000V			
Maximum discharge current	40kA			
Executive Standard	EN 50539-11 Type 2			
Certification	CE, TUV, UL			
DC fuse				
Rated working voltage	1000 V			
Rated current	15 to 32A(Optional)			
Dimensions (W*H*D)	Φ10 * 38mm			
Executive Standard	UL, CE, CB			
AC surge protection				
Rated voltage	230V AC	230V AC	400V AC	400V AC
Maximum discharge current	40kA			
Executive Standard	IEC/EN 61643-11			
Certification	CE			
AC circuit breaker				
Circuit breaker type	1P/2P	1P/2P	3P/4P	3P/4P
Rated current	16A	32A	20A	20A
Rated voltage	220/230/240V AC	220/230/240V AC	380/400/415V AC	380/400/415V AC
Rated frequency	50/60Hz			
Environmental parameters				
Operating temperature	-20°C to +60°C			
Humidity	99%			
Altitude	2000m (2000m Above derating)			
Installation method	Wall-mounted installation			

► Diagram

