







## ABOUT US

-  **Sustainable And Stable Operation**
- Perfect Enterprise Management System
  - Twelve Years Of Focusing on Combiner Boxes Products

-  **Global Marketing System**
- Large-scale Production, Products Shipment More Than 5 GW Capacity
  - Exported To More Than 50 Countries And Regions

-  **International Product Certification**
- Iso9001 Quality Management System
  - TUV, CE, CQC, CB, ROHS Certifications

-  **Well Developed**
- National High-tech Enterprises
  - A Number Of High-tech Products And Patents
  - Contious Technication Development Capability

-  **Global Service Guarantee**
- Professional Life Cycle Management
  - Tailor -made Services To Specific Needs
  - Customer Service System
  - 12 Years Technology Accumulation, Rich Experience In Project Service



MDZY2230207



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**MOREDAY**  
SOLAR PRODUCTS

Provide Global Customers With Photovoltaic New  
Energy Solutions, OEM & ODM Available

# Enterprise Honor And Qualification

- Member Of Asian Photovoltaic Industry Association
- National High-tech Enterprise
- 2019 Well-known Brands In China's Photovoltaic Industry
- 2020 Caring For Employees Enterprise
- 2019、2020、2021 Sniec Megawatt Golden Award
- 2022 Outstanding Photovoltaic Enterprise
- Chinese Technology-based SMES
- Zhejiang Promise-keeping 3A Enterprise

**2009**

16TH CELEBRATING ANNIVERSARY











**2023**





# Product Display



## ELECTRIC BOX

 <p><b>MDCDB</b> PV Combiner And Distribution Box</p> <ul style="list-style-type: none"> <li>• IP65</li> <li>• 3kW / 6kW / 10kW / 20kW</li> <li>• PC+ABS</li> <li>• 220V / 380V</li> <li>• DC Isolation Switch</li> <li>• DC Fuse holder</li> <li>• AC SPD</li> <li>• AC Circuit Breaker</li> </ul>	 <p><b>MDX-200</b> PV Grid-Connected Distribution Box</p> <ul style="list-style-type: none"> <li>• 8-50kW</li> <li>• Metal</li> <li>• Rainproof / waterproof / anti-corrosion</li> <li>• AC SPD</li> <li>• AC Circuit Breaker</li> <li>• PV Grid-connected Knife Switch</li> <li>• PV Smart Circuit Breakers</li> </ul>
 <p><b>MDDDB</b> AC Distribution Box</p> <ul style="list-style-type: none"> <li>• IP65</li> <li>• 6kW / 16kW</li> <li>• PC+ABS</li> <li>• AC SPD</li> <li>• AC Circuit Breaker</li> </ul>	 <p><b>MDXLD-4/1 6/1 12/1</b> PV DC Combiner Box</p> <ul style="list-style-type: none"> <li>• IP65</li> <li>• 1000V/1500V</li> <li>• Metal</li> <li>• DC Fuse holder</li> <li>• DC SPD</li> <li>• DC Circuit Breaker/DC MCCB</li> </ul>
 <p><b>MDJB-A / MDJB-B</b> PV DC Combiner Box</p> <ul style="list-style-type: none"> <li>• IP65</li> <li>• 600V / 1000V</li> <li>• PC+ABS</li> <li>• DC SPD</li> <li>• DC Isolation Switch / DC MCB</li> <li>• DC Fuse holder</li> </ul>	 <p><b>MDXLD-16/1</b> PV DC Combiner Box</p> <ul style="list-style-type: none"> <li>• IP65</li> <li>• 1000V/1500V</li> <li>• Metal</li> <li>• DC Fuse holder</li> <li>• DC SPD</li> <li>• DC Circuit Breaker/DC MCCB</li> <li>• Monitoring module</li> </ul>
 <p><b>MDHL</b> PV AC Combiner Box</p> <ul style="list-style-type: none"> <li>• IP65</li> <li>• 690V AC</li> <li>• Metal</li> <li>• DC SPD</li> <li>• DC Isolation Switch / DC MCB</li> <li>• DC Fuse holder</li> </ul>	 <p><b>MDXLD-24/1</b> PV DC Combiner Box</p> <ul style="list-style-type: none"> <li>• IP65</li> <li>• 1500V</li> <li>• Metal / SMC</li> <li>• DC Fuse holder</li> <li>• DC SPD</li> <li>• DC Circuit Breaker/DC MCCB</li> <li>• Monitoring module</li> </ul>
 <p><b>MDX-20</b> PV Grid-Connected Distribution Box</p> <ul style="list-style-type: none"> <li>• 3-10kW</li> <li>• Metal</li> <li>• Rainproof / waterproof / anti-corrosion</li> <li>• AC SPD</li> <li>• AC Circuit Breaker</li> <li>• PV Grid-connected Knife Switch</li> <li>• PV Smart Circuit Breakers</li> </ul>	 <p><b>MDJB-4B/6B</b> DC Combiner Box</p> <ul style="list-style-type: none"> <li>• IP65</li> <li>• 500V-600V</li> <li>• Polycarbonate / ABS</li> <li>• DC Fuse holder</li> <li>• DC SPD</li> <li>• DC Circuit Breaker</li> </ul>

## AC AND DC POWER DISTRIBUTION ELEMENT SERIES

 <p><b>MDB1Z-63</b> DC Miniature Circuit Breaker</p> <ul style="list-style-type: none"> <li>• Rated voltage: 250/600/800/1000V DC</li> <li>• In: 10/16/20/25/32/40/50/63A</li> <li>• Icn: 6kA/10kA</li> <li>• B/C</li> <li>• Pole: 1P, 2P, 3P, 4P</li> <li>• IP40; Wiring port IP20</li> <li>• IEC60947-2</li> </ul>	 <p><b>MDB2Z-63</b> DC Miniature Circuit Breaker</p> <ul style="list-style-type: none"> <li>• Rated voltage: 800/1000V DC</li> <li>• In: 10/16/20/25/32/40/50/63A</li> <li>• Icn: 6kA/10kA</li> <li>• B/C</li> <li>• Pole: 2P</li> <li>• IP40; Wiring port IP20</li> <li>• IEC60947-2</li> </ul>
 <p><b>MDB1Z-100</b> DC Miniature Circuit Breaker</p> <ul style="list-style-type: none"> <li>• Rated voltage: 600/1000V DC</li> <li>• In: 80/100/125A</li> <li>• Icn: 6kA/10kA</li> <li>• B/C</li> <li>• Pole: 2P, 4P</li> <li>• IP40; Wiring port IP20</li> <li>• IEC60947-2</li> </ul>	 <p><b>MDM1Z/5Z</b> DC Moulded Case Circuit Breaker</p> <ul style="list-style-type: none"> <li>• Rated voltage: 1000/1500V DC</li> <li>• In: 125/250/400/630A</li> <li>• Uimp: 8kV</li> <li>• B/C</li> <li>• Pole: 2P, 4P</li> <li>• IP40; Wiring port IP20</li> <li>• IEC60947-2</li> </ul>

# Product Display

## AC AND DC POWER DISTRIBUTION ELEMENT SERIES



### MDM6Z DC Moulded Case Circuit Breaker

- Rated voltage: 1000/1500V DC
- In: 250/320/400/630/800A
- Uimp: 12kV
- B/C
- Pole: 2P, 3P, 4P
- IP20
- IEC60947-2



### MDSP PV DC Surge Protection Device

- Maximum discharge current 40kA
- Uc: 600/1000/1500V
- Pluggable and replaceable module;
- Pole: 2P, 3P
- Up: ≤3.8kV
- EN 50539-11



### MDB1-63 AC Miniature Circuit Breaker

- Rated voltage: 230/400V(1P), 400V(2~4P)
- In: 63/50/40/32/25/20/16/10/6 A
- Ui: 4.5kA/6kA/10kA
- B/C/D
- Pole: 1P, 2P, 3P, 4P
- IP20
- IEC60898 -1



### MDB1LE-63 AC RCBO

- Rated voltage: 230V~/400V~
- In: 10/16/20/25/32/40/50/63 A
- Icn: 6kA/10kA
- Pole: 1P, 2P, 3P, 4P
- IP20
- IEC 61009-1
- B/C/D



### MDB7-100 AC RCBO

- Electronic/electromagnetic optional
- A/AC type optional
- Current action: 30/ 100/300mA
- 50/60Hz
- Pole: 2P/4P
- In: 6-63A



### MD1-40 AC Surge Protection Device

- Rated voltage: 380V/220V
- Maximum discharge current 40kA
- Pluggable and replaceable module
- Pole: 2P, 4P, 3P(380V)
- Uc: 275/320/385/420V
- IEC61643.1



### NSIS-63 AC Dual Power Automatic Manual Transfer Switch

- Rated Voltage: 240/415V~
- Rated Current: 16,20,25,32,40A
- Rated Frequency: 50/60Hz
- Poles: 1P,2P,3P,4P
- Contact form 1-0-2
- IP20
- Mounting On DIN rail EN60715(35mm) by means of fast clip device.



### MDPV-30 PV Fuse holder

- Maximum breaking capacity is 20kA
- Replace the fuse operation is safer
- Indicator light optional
- Ue: 1000Vdc
- In:1-32A
- size: 10x38mm



### MDPV-32 PV Fuse holder

- Maximum breaking capacity is 20kA
- Replace the fuse operation is safer
- Indicator light optional



### MDB1-100 AC Miniature Circuit Breaker

- Rated voltage: 230V(1P), 400V(2~4P)
- In: 80/100/125 A
- Ui: 6kA/10kA
- B/C/D
- Pole: 1P, 2P, 3P, 4P
- IP20
- IEC60947-2



### MDB1LE-125 AC RCBO

- Rated voltage: 230V~/400V~
- In: 63/80/100 A
- Icn: 6kA/10kA
- Pole: 1P, 2P, 3P, 4P
- B/C/D
- IP20
- IEC 61009-1



### MDM1 AC Moulded Case Circuit Breaker

- Rated voltage: 500/800/1000V AC
- In: 63/125(100)/250/400/630/800/1250 A
- Uimp: 6/8 kV
- B/C/D
- Pole: 3P, 4P
- IP20
- IEC60947-2



### SP1 Digital Voltage and Current Protector

- Voltage rating:AC 220v 50/60HZ DC24V 48V
- Voltage limit:AC 180v~250v
- Hysteresis:< 2 sec/day(25°C)
- ON/OFF operation:16 ON & 16 OFF
- power consumption:7.5V A(max)
- Display:LCD
- minimum interval:1 minute
- Count down: 1 sec - 99h 59min 59sec
- Load capacity: resistive load: 30A/220VAC  
Lagging load: 20A/220VAC  
Lamp load: 2000 W
- Switching contact:1 changeover switch

# Product Display

## AC AND DC POWER DISTRIBUTION ELEMENT SERIES



### AICT Household Contactor

- Ue: 250V AC(1P, 2P), 400V AC(3P, 4P)
- In: 16/20/25/40/63/100
- Uimp: 2.5kV(4 kV for 12/24/48V AC)
- Pole: 1P, 2P, 3P, 4P
- IEC 60529



### EKL6-100B AC RCCB

- Ue: AC230V/2P, AC400V/4P
- Uimp: 4kV
- Ui: AC 400V
- Frame size current: 100A
- Pole: 2P, 4P
- IP20
- IEC 61008-1



### MDQ5R Dual Power Automatic transfer changeover

- Auxiliary circuit: AC220V/AC110V 50/60Hz
- Rated current Ie A: 100/63/50/40/32/25/20/16
- Insulation voltage Ui: AC 690V
- Rated voltage Ue: AC 400V
- Pole: 2P, 3P, 4P
- PC
- IEC50947-6-1

## DC ISOLATOR SWITCH SERIES



### M700 M Portable Power Energy Storage

- Rated AC Output: 700W
- Rated Capacity: 699.3Wh
- Standard Capacity: 22.2V/31.5Ah or 3.7V/189000mAh
- Battery Type: Li-ion
- LCD Display: Battery remaining capacity, Battery fault, total output power, Over temperature, input power



### Q1500 Q Portable Power Energy Storage

- Rated AC Output: 1500W
- Rated Capacity: 1440Wh
- Standard Capacity: 48V/30Ah or 3.2V/450000mAh
- Battery Type: LiFePO4
- UPS
- LCD Display: Battery remaining capacity, Battery fault, total output power, Over temperature, input power

## DC ISOLATOR SWITCH SERIES



### GS04 Panel mounted cage type DC switch

- Parallel wiring, larger aperture, convenient installation
- Contact self-cleaning design, prolong switch life
- The maximum tripping time is less than 3ms
- Ui: 1000Vdc
- Ue: 800~ 1000vdc
- Ie: 9~32A



### MDIS-40/40A DIN Rail mounted cage type DC switch

- DIN rail installation, suitable for electric box installation;
- Contact self-cleaning design, prolong switch life;
- The maximum tripping time is less than 3ms
- Ui: 1000Vdc
- Ue: 600~ 1200vdc
- Ie: 9~32A



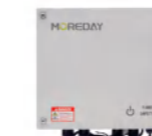
### MDIS-40MD External mounting waterproof DC switch

- IP66 protection grade;
- Knob can be locked to prevent misoperation;
- The maximum tripping time is less than 3ms
- Ui: 1000Vdc
- Ue: 600~ 1200vdc
- Ie: 9~32A



### MDIS-40MD With MC4 External mounting waterproof DC switch

- IP66 protection grade;
- Knob can be locked to prevent misoperation;
- The maximum tripping time is less than 3ms
- Ui: 1000Vdc
- Ue: 600~ 1200vdc
- Ie: 9~32A



### MDRSD Rapid Shutdown Device

- 1~10 strings available
- UP to 40 A
- UP to 1500 V
- IP65 protection & anti UV
- APP remote control
- Shutdown feedback signal
- Auto shutdown exceeding 70°C
- 10000 mechanical life cycles



### MDF1 AC Isolation Switch

- IP66 & UV Resistance
- Knob can be locked to prevent misoperation;
- Conduit entries on top and bottom
- Ui: 1000Vdc
- Ue: 250~ 440Vdc
- Ie: 20~63A

# Product Display

## MC4 SOLAR DC PANEL CONNECTOR



### MD-MC4(1000V) Solar DC Panel Connector

- PC/PPO
- Rated voltage: 1000V DC
- Connector system:  $\Phi 2.5\sim 6\text{mm}$
- IP67
- IEC 60068-2-52



### PV-MD-MC4-5 Solar DC Panel Connector

- PC/PPO
- Rated voltage: 1000/1500V DC
- Connector system:  $\Phi 2.5\sim 6\text{mm}$
- IP67
- IEC 60068-2-52



### 10A/15A/20A MC4 With Diode Solar Panel Connector

- PC/PPO
- Rated voltage: 1500V DC
- Connector system:  $\Phi 2.5\sim 6\text{mm}$
- IP67
- IEC 60068-2-52



### PV-MDY2/Y3/Y4 Panel Branch Connector

- PC/PPO
- Rated voltage: 1000V DC
- Connector system:  $\Phi 2.5\sim 6\text{mm}$
- IP67
- IEC 60068-2-52



### MD-MC4(1500V) Solar DC Panel Connector

- PC/PPO
- Rated voltage: 1500V DC
- Connector system:  $\Phi 2.5\sim 6\text{mm}$
- IP67
- IEC 60068-2-52



### 10A/15A/20A/30A MC4 With PV Fuse Solar Panel Connector

- PC/PPO
- Rated voltage: 1000/1500V DC
- Connector system:  $\Phi 2.5\sim 6\text{mm}$
- IP67
- IEC 60068-2-52



### PV-MDT2/T3/T4/T5/T6 Panel Branch Connector

- PPO/PC
- Rated voltage: 1000V (TUV) 600V (UL)
- Connector system:  $\Phi 2.5\sim 6\text{mm}$
- IP67
- IEC 60068-2-52

## CHARGING PILE



### MDAC-3.5kW/7kW Portable AC Charging Pile

- Rated voltage: 220V AC
- PC+ABS
- Current: 8/10/13/16/32 A
- Installation Method: Portable in the car
- IP65
- 50Hz or 60Hz
- Cable Length: 5m



### MDAC3-7kW/11kW/22kW AC Charging Pile

- Rated voltage: 220V/380V AC
- ABS+Sheet Metal
- Current: 16A/32 A
- Installation Method: Wall-mounted or With column
- IP65
- 50±1Hz
- Cable Length: 5m



### MDDC 20kW/30kW/40kW DC Charging Pile

- Rated voltage: AC 380V±20%
- Sheet Metal
- Current: 50/63/80/125A
- Installation Method: Floor-standing or Wall-mounted
- IP54
- 50Hz±10%Hz
- Cable Length: 5m



### MDDC 60/80/120/160kW DC Charging Pile

- Rated voltage: AC 380V±20%
- Sheet Metal
- Current: Single gun 250A, Double gun 150/200A, 125/200A
- Installation Method: Floor-standing
- IP54
- 50Hz±10%Hz
- Cable Length: 5m

# Product Display

## OTHER PRODUCTS

### PV-MDT Photovoltaic Connector Kit



PV-MDT1



PV-MDT2



The inner core of the connector can be placed in a small bag on the side.

### 2.5m<sup>2</sup>/4m<sup>2</sup>/6m<sup>2</sup> PV MDC Cable



### PV-MDS Tow-set spanners

MD-MC4(1500V)  
Specidized  
PV-MDS1



MD-MC4(1000V)  
Specidized  
PV-MDS2

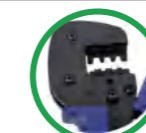


MD-MC4(1000V)  
PV-MDS3



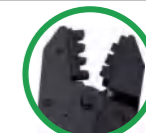
### PV-MDT3 Crimping Tool

Suitable for crimping the cable of 2.5~6.0mm<sup>2</sup>( AWG10-14 );  
Suitable for solar system installation site,flexible application

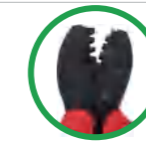


### PV-MDT5 Crimping Tool

Suitable for crimping the cable of 2.5~6.0mm<sup>2</sup>( AWG10-14 );  
Suitable for solar system installation site,flexible application



Suitable for crimping the cable of 2.5~6.0mm<sup>2</sup>( AWG10-14 );  
Suitable for solar system installation site,flexible application



### PV-MDT6 Stripping Tool

Suitable for crimping the cable of 2.5~6.0mm<sup>2</sup>( AWG10-14 );  
Suitable for solar system installation site,flexible application

