



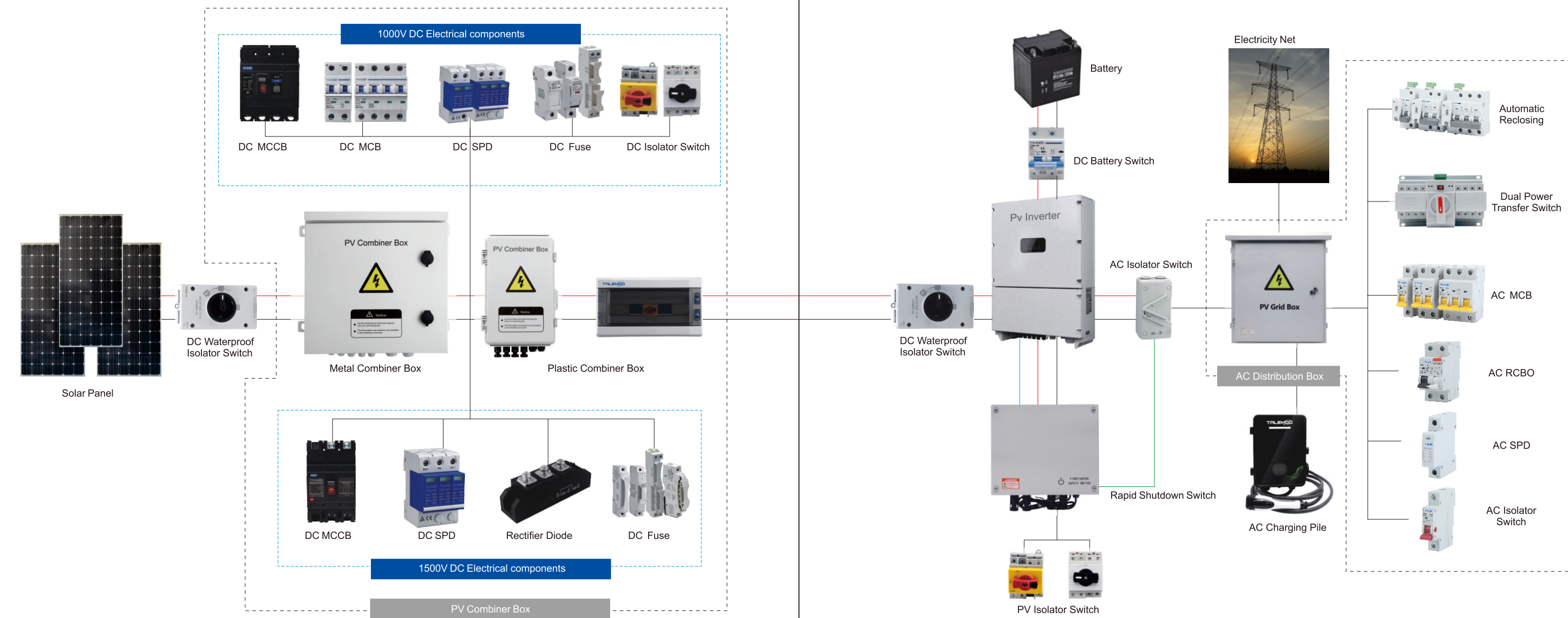
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PV SYSTEM

DC COMPONENTS

COMPLETE SOLUTION

PV System Display Diagram



PRODUCT CATALOG

● PV Combiner Box P01-02 TDCDB TDJB-A/TDJB-B TDHL TDX-20 TDXLD-4/1,6/1,12/1 TDXLD-16/1 TDXLD-24/1 TDJB-4B/6B	● DC MCB P03 TDM3-DC, TDM5-DC, TDM7-DC TDM8-DC	● DC SPD P04 TDS4, TDS5, TDS7	● DC FUSE P04 PV Cylindrical Series	● DC Isolator Switch P05 TDDH1, TDDH2 TDDH3, TDDH4 TDDH5	● MC4 Solar Panel Connector P06-07 TDC1 TDC2 TDC3 TDC4 TDC5 TDC-T2/T3/T4/T5/T6 TDC-Y2/Y3/Y4	● Accessory P08 TDT1 Photovoltaic Connector Kit TDT2 2.5m²/4m²/6m² PV MDC Cable TDT3 Two-set Spanners TDT4 Crimping Tool
● DC MCCB P03 TDKD1 TDKD2 TDKD3	● ARC FAULT DETECTION DEVICE P04 TDAFD6					

PV Combiner Box



TDCDB

PV Combiner and Distribution Box

- | | |
|---------------------------|----------------------|
| • IP65 | • DC Isolator Switch |
| • 3kW / 6kW / 10kW / 20kW | • DC Fuse |
| • PC+ABS | • AC SPD |
| • 220V / 380V | • AC Circuit Breaker |



TDJB-A / TDJB-B

PV DC Combiner Box

- | | |
|----------------|-------------------------------|
| • IP65 | • DC SPD |
| • 600V / 1000V | • DC Isolator Switch / DC MCB |
| • PC+ABS | • DC Fuse |



TDHL

PV AC Combiner Box

- | | |
|-----------|-------------------------------|
| • IP65 | • DC SPD |
| • 690V AC | • DC Isolator Switch / DC MCB |
| • Metal | • DC Fuse |

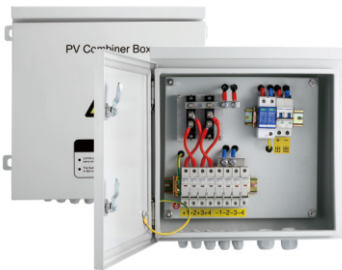


TDX-20

PV Grid-Connected Distribution Box

- | | |
|---|----------------------------------|
| • Rainproof / waterproof / anti-corrosion | • AC SPD |
| • 3~10kW | • AC Circuit Breaker |
| • Metal | • PV Grid-connected Knife Switch |
| | • PV Smart Circuit Breakers |

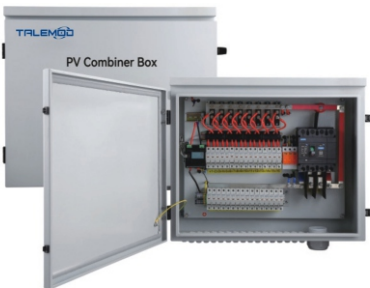
PV Combiner Box



TDXLD-4/1 6/1 12/1

PV DC Combiner Box

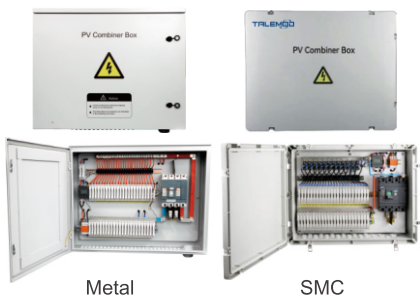
- | | |
|---------------|------------------------------|
| • IP65 | • DC Fuse |
| • 1000V/1500V | • DC SPD |
| • Metal | • DC Circuit Breaker/DC MCCB |



TDXLD-16/1

PV DC Combiner Box

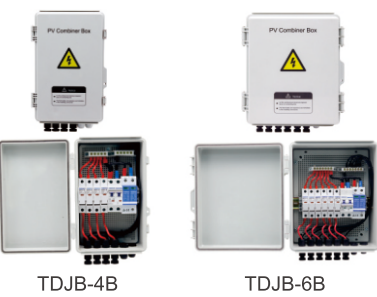
- | | |
|---------------|---------------------|
| • IP65 | • DC Fuse |
| • 1000V/1500V | • DC SPD |
| • Metal | • DC MCCB |
| | • Monitoring module |



TDXLD-24/1

PV DC Combiner Box

- | | |
|---------------|---------------------|
| • IP65 | • DC Fuse holder |
| • 1500V | • DC SPD |
| • Metal / SMC | • DC MCCB |
| | • Monitoring module |



TDJB-4B/6B

DC Combiner Box

- | | |
|-----------------------|----------------------|
| • IP65 | • DC Fuse |
| • 500V~600V | • DC SPD |
| • Polycarbonate / ABS | • DC Circuit Breaker |

DC MCB



TDM3-DC TDM5-DC TDM7-DC

TDM3-DC, TDM5-DC, TDM7-DC

DC Miniature Circuit Breaker

- Rated voltage: 1P: 250VDC, 2P: 500VDC, 3P: 750VDC, 4P: 1000VDC
- In: 1~63A
- Pole: 1P, 2P, 3P, 4P
- Icn: 6kA/10kA
- IP40; Wiring port IP20
- B/C/D
- IEC 60947-2



TDM8-DC

TDM8-DC

DC Miniature Circuit Breaker

- Rated voltage: 1P: 500VDC, 2P: 1000VDC, 3P: 1500VDC, 4P: 1500VDC
- In: 6~40A
- Pole: 1P, 2P, 3P, 4P
- Icn: 1.5kA
- IP40; Wiring port IP20
- B/C/D
- IEC 60947-2

DC MCCB



TDKD1

TDKD1

DC Molded Case Circuit Breaker

- Inm: 400A
- In: 63/80/100/125/140/160/180/200/225/250/320/350/400A
- Ui: 1600V
- Ue: DC500V/750V/1000V/1500V
- Uimp: 12kV
- Pole: 2P



TDKD2

TDKD2

DC Molded Case Circuit Breaker

- Inm: 630A
- In: 250/320/350/400/450/500/550/630A
- Ui: 1600V/2100V
- Ue: DC1000V/1500V/2000V
- Uimp: 12kV/15kV
- Pole: 2P



TDKD3

TDKD3

DC Molded Case Circuit Breaker

- Inm: 250A
- In: 63/80/100/125/140/160/180/200/225/250A
- Ui: 2100V
- Ue: 1500V/2000V
- Uimp: 15kV
- Pole: 2P

DC SPD



TDS4

TDS4

PV DC Surge Protection Device

- Maximum discharge current is 40kA
- Pole: 2P, 3P
- Uc: 500/600/1000/1500V
- Up: ≤3.8kV
- Pluggable and replaceable module
- IEC 61643-31



TDS5

TDS7

TDS5, TDS7

PV DC Surge Protection Device

- Maximum discharge current is 40kA
- Pole: 2P, 3P
- Uc: 600/1000/1500V
- Up: ≤3.8kV
- Pluggable and replaceable module
- IEC 61643-31

DC FUSE



PV Cylindrical Series

DC FUSE

- Rated voltage: 1000VDC/1500VDC
- In: 1~50A
- link size(mm): 10*38 14*51 22*58 10*85 14*85
- Link type: gPV
- IEC60269

Arc Fault Detection Device



TDAFD6

Arc Fault Protection Devices

- Rated voltage: DC500V
- Poles: 2P
- In: 6~63A
- Icn: 10KA
- B/C
- IEC63027

DC Isolator Switch



TDDH1



TDDH2



TDDH3



TDDH4



TDDH5

TDDH1

- Standard: IEC60947-3
- Ui: 1200V DC
- Ue: 600V 800V 1000V 1200V DC
- Ie: 10A 16A 20A 25A 32A
- Temperature: -40°C~85°C

TDDH2

- Standard: IEC60947-3
- Ui: 1500V DC
- Ue: 300V 600V 800V 1500V DC
- Ie: 16A 25A 32A
- Temperature: -40°C~85°C

TDDH3

- Standard: IEC60947-3
- Ui: 1200V DC
- Ue: 600V 800V 1000V 1200V DC
- Ie: 10A 16A 20A 25A 32A
- Temperature: -40°C~85°C

TDDH4

- Standard: IEC60947-3
- Ui: 1200V DC
- Ue: 600V 800V 1000V 1200V DC
- Ie: 10A 16A 20A 25A 32A
- Temperature: -40°C~85°C

TDDH5

- Standard: IEC60947-3
- Ui: 1500V DC
- Ue: 300V 600V 800V 1500V DC
- Ie: 16A 25A 32A
- Temperature: -40°C~85°C

MC4 Solar Panel Connector



TDC1

Solar DC Panel Connector

- PC/PPO
- Rated voltage: 1000VDC
- Connector system: Φ2.5~6mm
- IP67
- IEC 62850



TDC2

Solar DC Panel Connector

- PC/PPO
- Rated voltage: 1500VDC
- Connector system: Φ2.5~10mm
- IP67
- IEC 62850



TDC3

Solar DC Panel Connector

- PC/PPO
- Rated voltage: 1000/1500VDC
- Applicable cable size: Φ2.5~6mm
- IP67
- IEC 62850



TDC4

Solar Panel Connector

- PC/PPO
- Rated voltage: 1000VDC
- Connector system: Φ2.5~6mm
- IP67
- IEC 62850



TDC5

Solar Panel Connector

- PC/PPO
- Rated voltage: 1000VDC
- Connector system: Φ2.5~6mm
- IP67
- IEC 62850

MC4 Solar Panel Connector



TDC-T2

TDC-T3

TDC-T2/T3/T4/T5/T6

Panel Branch Connector

- PPO/PC
- Rated voltage: 1000V (TUV) 600V (UL)
- Connector system: Φ2.5~6mm
- IP67
- IEC 62850



TDC-Y2

TDC-Y3

TDC-Y2/Y3/Y4

Panel Branch Connector

- PC/PPO
- Rated voltage: 1000VDC
- Connector system: Φ2.5~6mm
- IP67
- IEC 62850

Accessory

TDT1 Photovoltaic Connector Kit



Included one pair connector in this small bag

TDT2 2.5m²/4m²/6m² PV Cable



TDT3 Two-set Spanners

MC4(1500V)
Specidized



MC4(1000V/1500V)
Specidized



MC4(1000V)
Specidized



TDT4 Crimping Tool

Suitable for crimping the cable of 2.5-6.0mm²(AWG10-14); Suitable for solar system installation site, flexible application



Suitable for crimping the cable of 2.5-6.0mm²(AWG10-14); Suitable for solar system installation site, flexible application



TDT4 Crimping Tool

Suitable for crimping the cable of 2.5-6.0mm²(AWG10-14); Suitable for solar system installation site, flexible application



TDT4 Crimping Tool

Suitable for crimping the cable of 2.5-6.0mm²(AWG10-14); Suitable for solar system installation site, flexible application

