



PRODUCT SELECTION CATALOGUE

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YRO NEW ENERGY

Zhejiang YRO New Energy Co., Ltd is a trusted manufacturer of protective components (Rapid Shutdown Device, PV combiner box DC Circuit Breaker, Fuse, Surge Protector, Isolator Switch, Solar Connector etc.) for photovoltaic systems across the globe. Our experience of working in the electrical industry for more than 10 years allows us to create solar DC components that comply with the latest DC standards.

Quality is the primary goal among each of our workshops since this leads to the best performance and safety for any solar power system.



Your Reliable Option

Our commitment to quality increased brand awareness for your company. To achieve our goal, our factory complies with CB, CE, KEMA, UKCA, TUV, ISO9001, and RoHS standards.



ISO9001 certificate



RSD ETL



MC4 Connector TUV



ACMCB UKCA



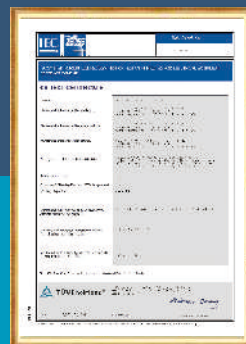
AC MCB KEMA



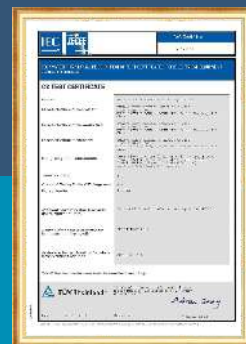
DC MCCB TÜV



DC FUSE LINK TÜV



DC MCB TÜV



DC SPD CB



AC MCB CB

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String Level Rapid Shutdown Device

The Rapid Shutdown has been especially developed as a safety device for direct current (DC) photovoltaic installations. The DC disconnect switch is used to disconnect the connected strings of the installation in case of an emergency situation. Such an emergency situation could be in case of fire.



1-2 Strings



3-5 Strings



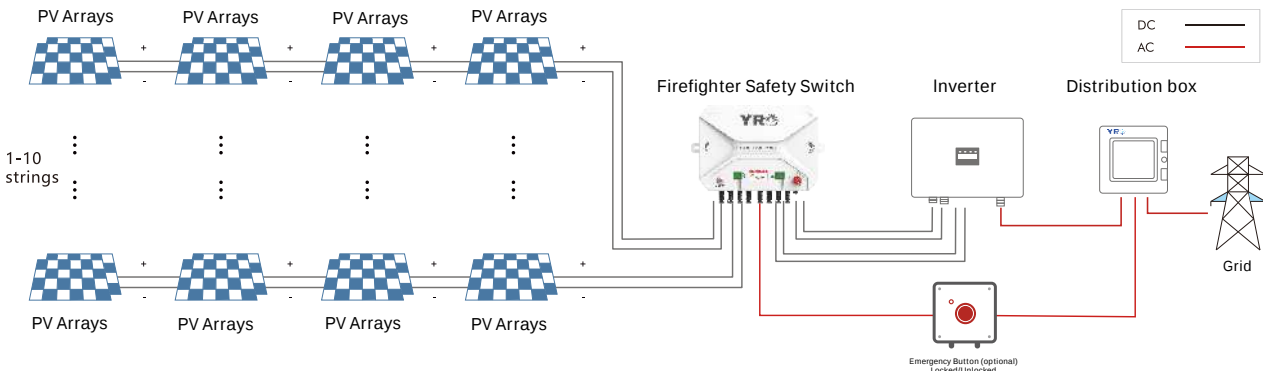
6-10 Strings

The Rapid Shutdown needs to be placed as close to the solar panels as possible. Due to its enclosure, the switch is protected against external influences like dust and moisture. The whole set-up is conformed to IP66 which makes it suitable for outdoor usage when needed.



YRO
Product video
Scan code to view

• Diagram



Technical Date	Technical Parameter	
Type Code:	YRSD-xA; x=1~10 Strings	
String Voltage:	DC1000v	DC1500v
String Current:	32A(40A optional) 30A	
Rated Voltage:	AC230v~	
operation Voltage:	AC100-270V~	
Operation Temp:	-40~+85℃	
Protection Temp:	+70℃	
Protection Level:	IP65	
Standard:	IEC 60947-1&3/NEC 2014	



String Level Rapid Shutdown Device(wifi)

The Rapid Shutdown has been especially developed as a safety device for direct current (DC) photovoltaic installations . The DC disconnect switch is used to disconnect the connected strings of the installation in case of an emergency situation. Such an emergency situation could be in case of fire.

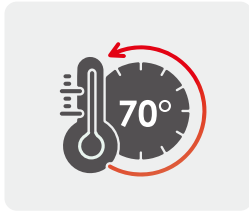


1-5 Strings



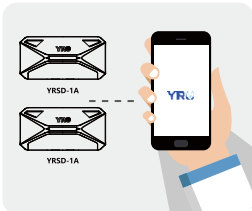
6-10 Strings

Automatic Shutdown



Automatically shutdown the DC power of panels when detecting temperature of the area is higher than 70 .

RS485 shutdown Optional



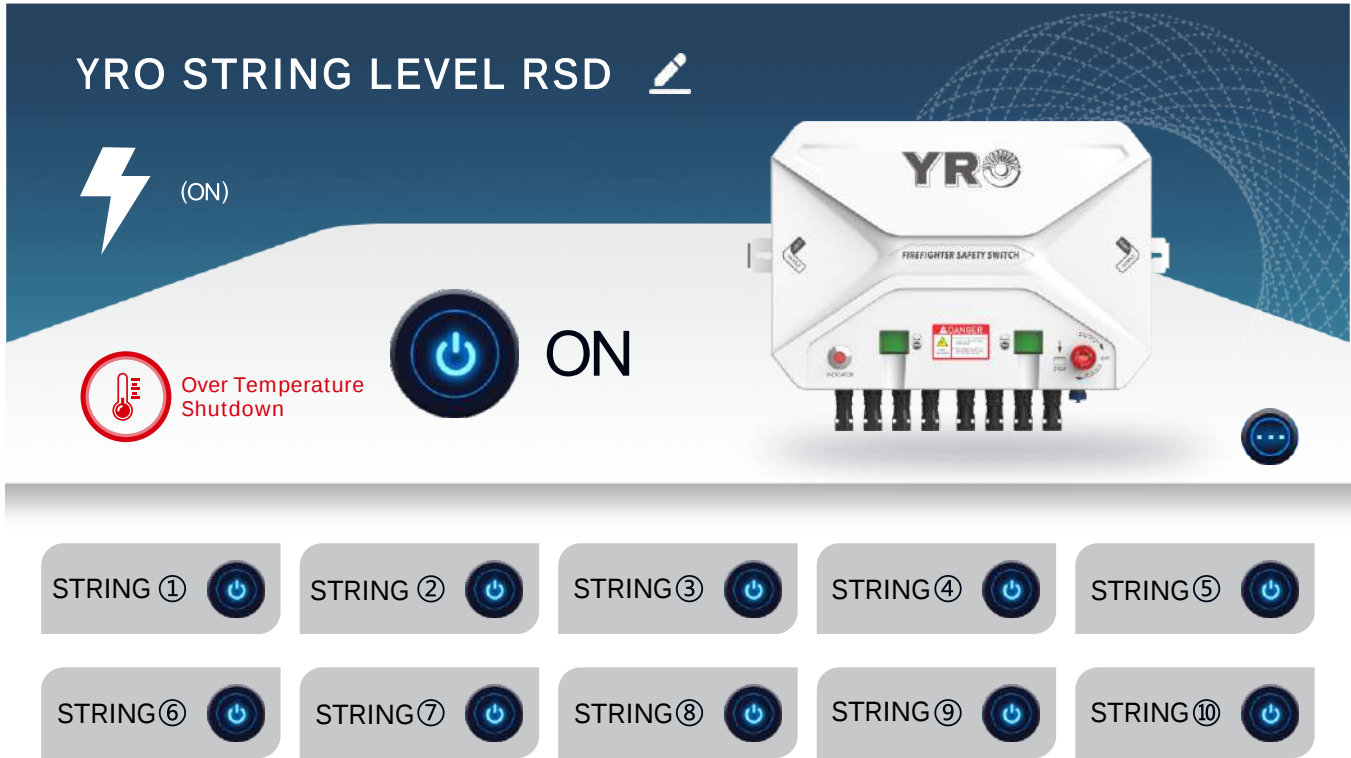
Maintenancers or homeowners can also remotely shutdown through RS485 communication (Optional)



YRO
Product video
Scan code to view

Technical Date		Technical Parameter	
Type Code:		YRSD-xA/wifi; x=1~10 Strings	
String Voltage:		DC1000v	DC1500v
String Current:		32A(40A optional)	30A
Rated Voltage:		AC230v~	
Operation Voltage:		AC100-270V~	
Operation Temp:		-40~+85°C	
Protection Temp:		+70°C	
Protection Level:		IP66	
Standard:		IEC 60947-1&3/NEC 2014	
Communication:		2.4G wifi/RS485	
App:		Smart Home	

App menu:



YRO RSD used in 1 MW Solar Project in iloilo, Philippines



YRO RSD used in 440 kW Solar Project in Cebu, Philippines



YRO RSD used in 800 kW Solar Project in Vietnam



YRO RSD used in 1 MW Solar Project in Manila, Philippines



800kw Solar Project in Mexico



20kw Solar Project in Ireland



36kw Solar Project in Malaysia



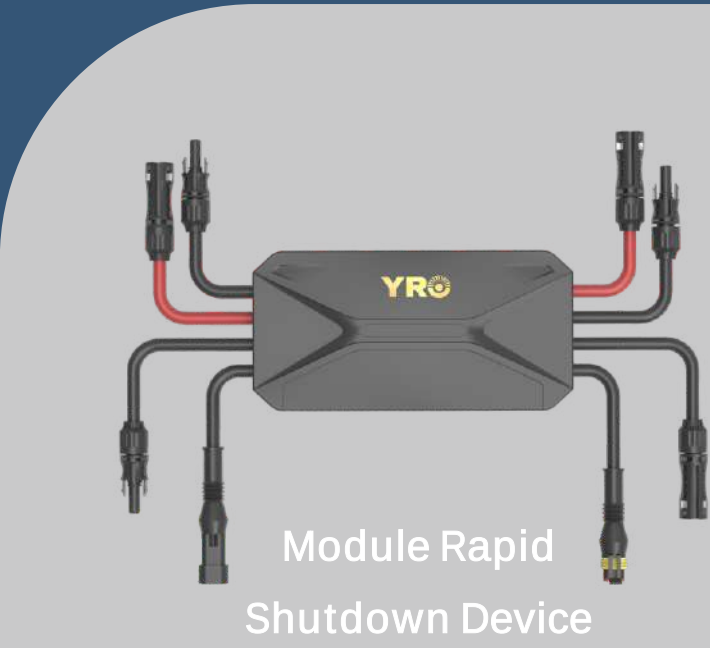
200kw Solar Project in Honduras





Module Rapid Shutdown Device

The Module Rapid shutdown has been especially developed as a safety device for PV installations. The RSD is used to disconnect each solar cells in case of an emergency situation. Such an emergency situation could be in case of fire.



The Rapid Shutdown needs to be placed as close to the solar panels as possible. The whole set-up is conformed to IP68 which makes it suitable for outdoor usage when needed.



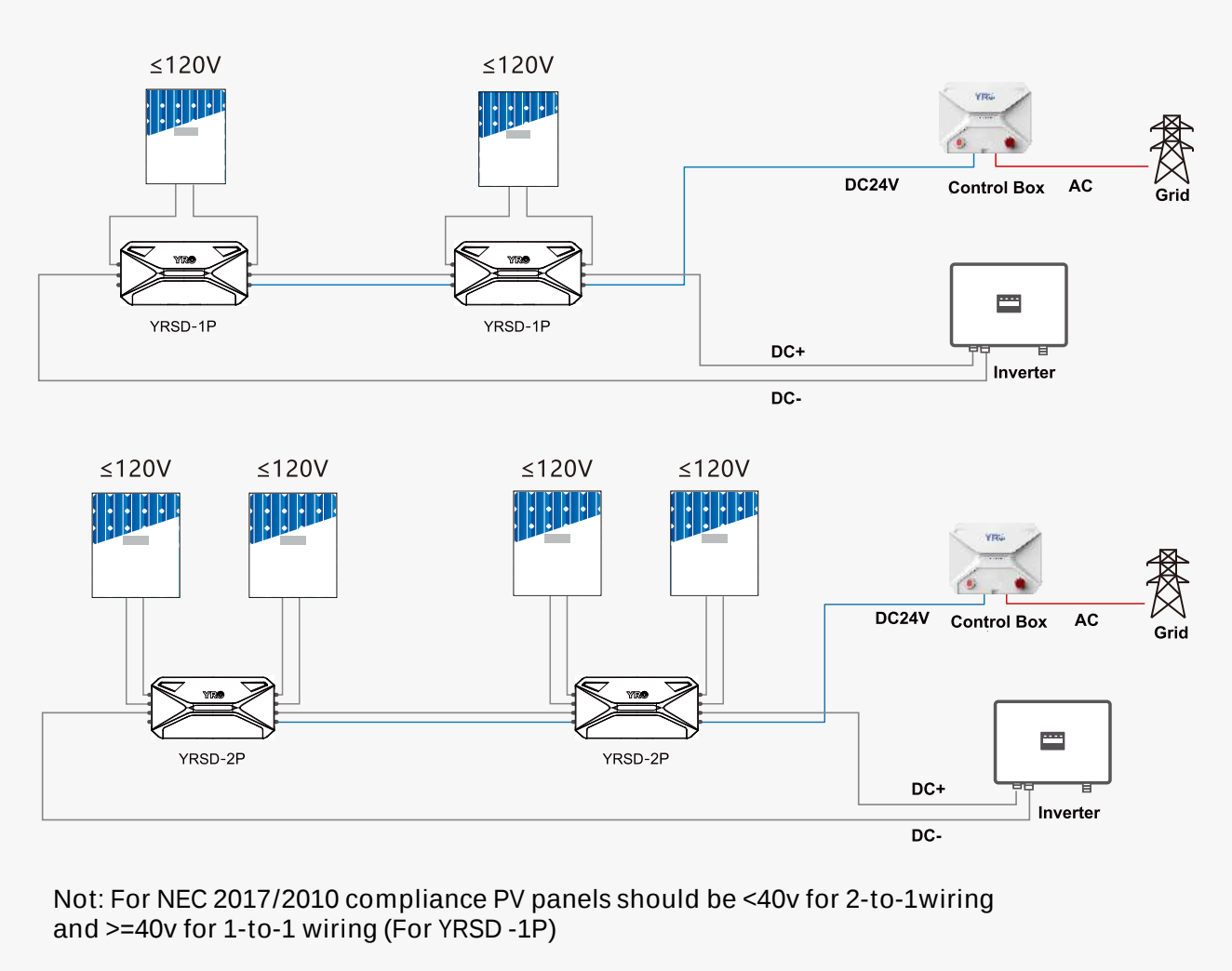
YRO

Product video

Scan code to view

Technical Date	Technical Parameter
ype Code:	YRSD-1P ; YRSD-2P
Max String Voltage:	DC1500V
Max PV input Voltage:	120V
Max output Voltage:	120V for YRSD-1P/ 240V for YRSD-2P
Max PV input current:	18A/20A/25A
Rated Voltage:	AC230V~
Operation Voltage:	AC100-270V~
Operation Temp:	-40~+60
Protection Temp:	+85
Protection Level:	IP68
Standard:	UL1741&UL3741/NEC 2017&2020 24Vdc+
Control Compliance:	2 × 1.5mm² Cable
Control Requirements:	21.6~26.4V at nomi.27~36mA/Unit

• Diagram





Module RSD Control Box

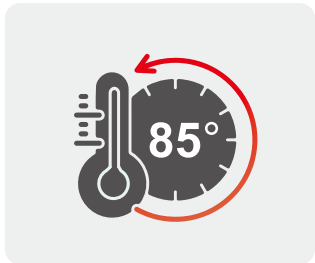
The Module Rapid Shutdown control box is used to turn ON/OFF the module level rapid shutdown device. It contains the indicator light and emergency button.



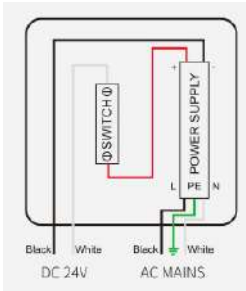
Module RSD Control Box
1 Channel



Module RSD Control Box
3 Channels



Temperature Rise Trigger

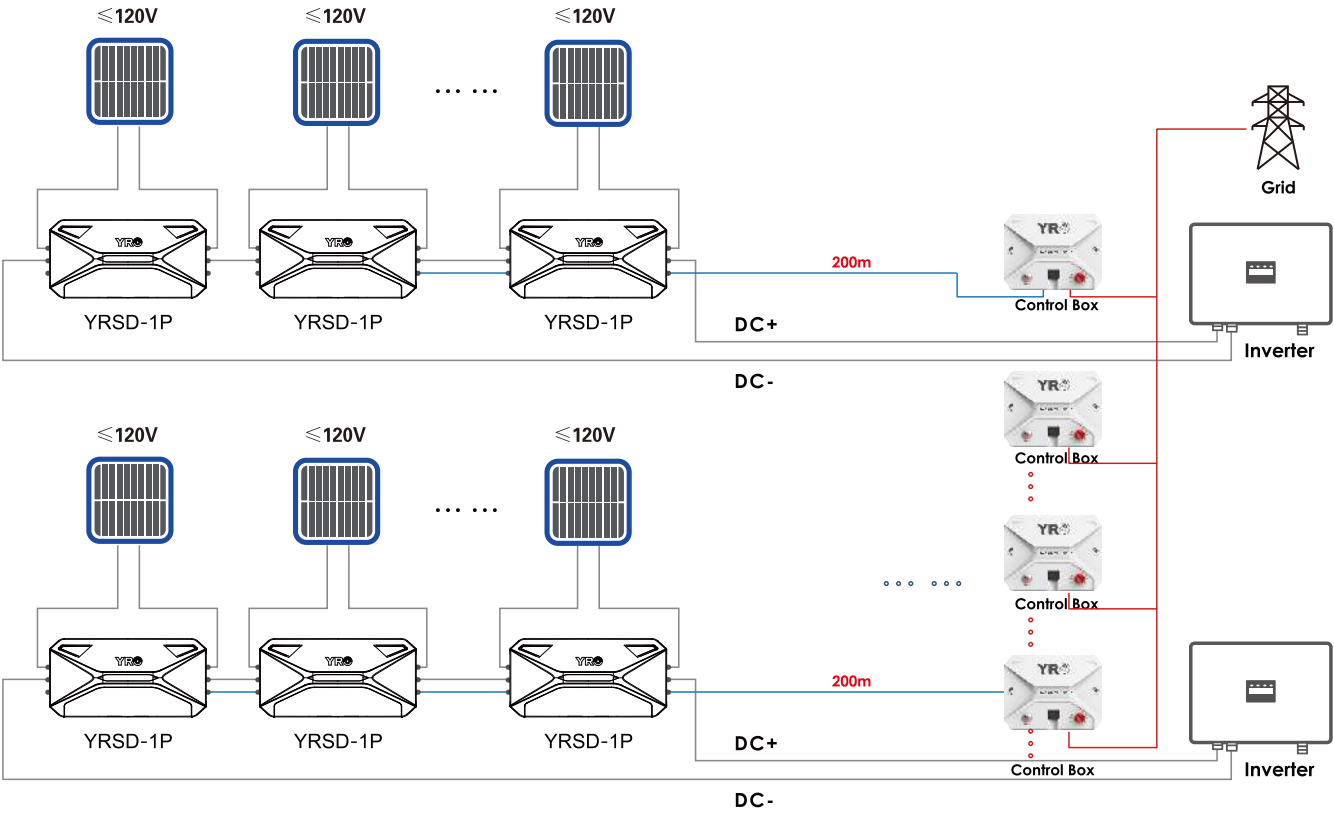


Diagram

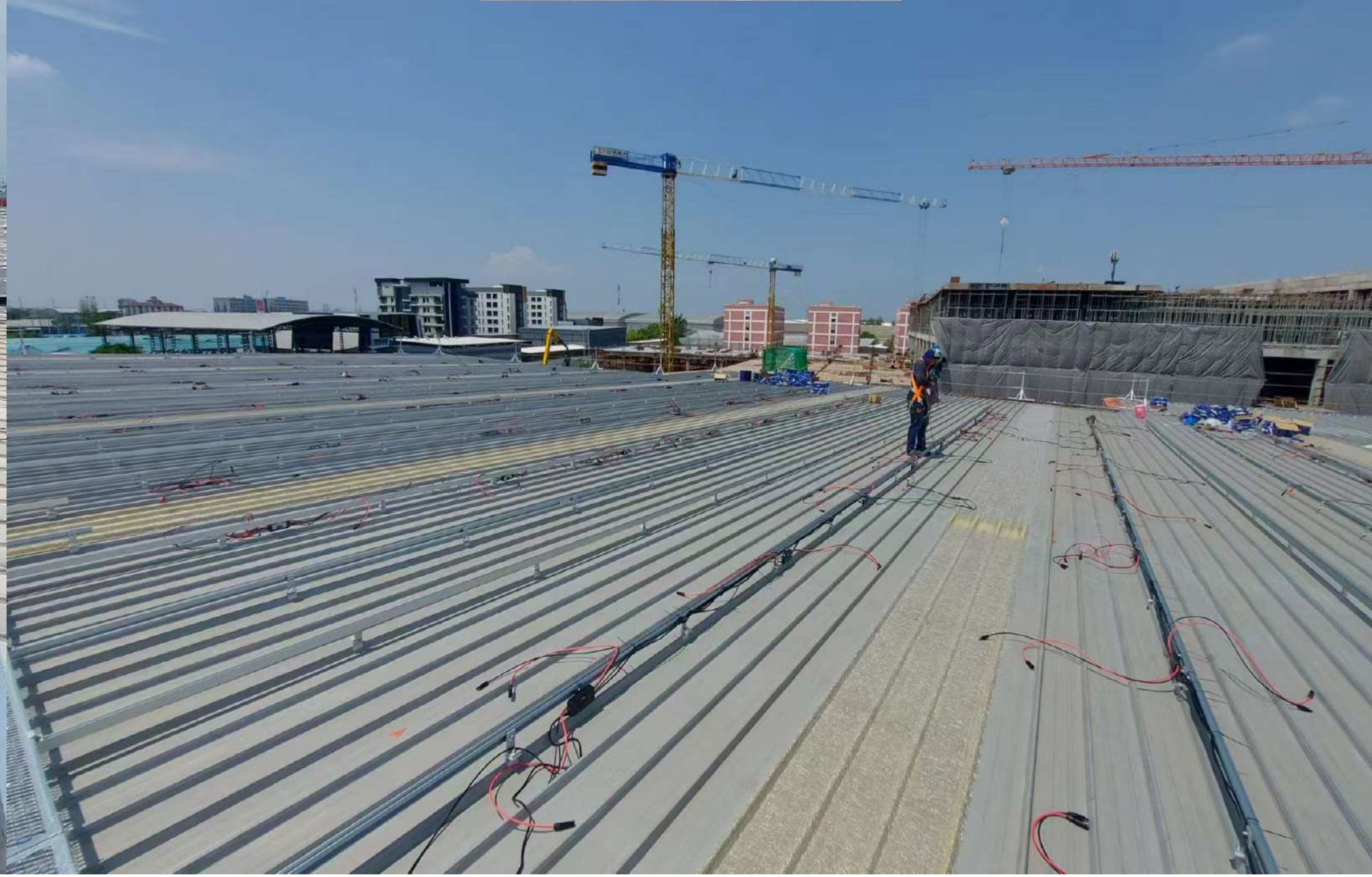


Technical Date		Technical Parameter	
Type Code:		YRSD-CB	
Operating AC Voltage:		100~240Vac	
Frequency:		50/60Hz	
Output Voltage:		DC24V	
Output Current/Power:		1.5A/36w	
DC24V Control Cable Size:		2 × 1.5mm2	
Mounting:		Wall mounting	
Control Unit:		YRSD 40pcs/channel	
DC24V Control Cable optional:		10m/20m/30m/40m/50m/100m	
Protection Level:		IP65	
Max Distance(Last RSD to control box):		200m	
Operating temperature range:		-30~+70℃	

•Diagram:



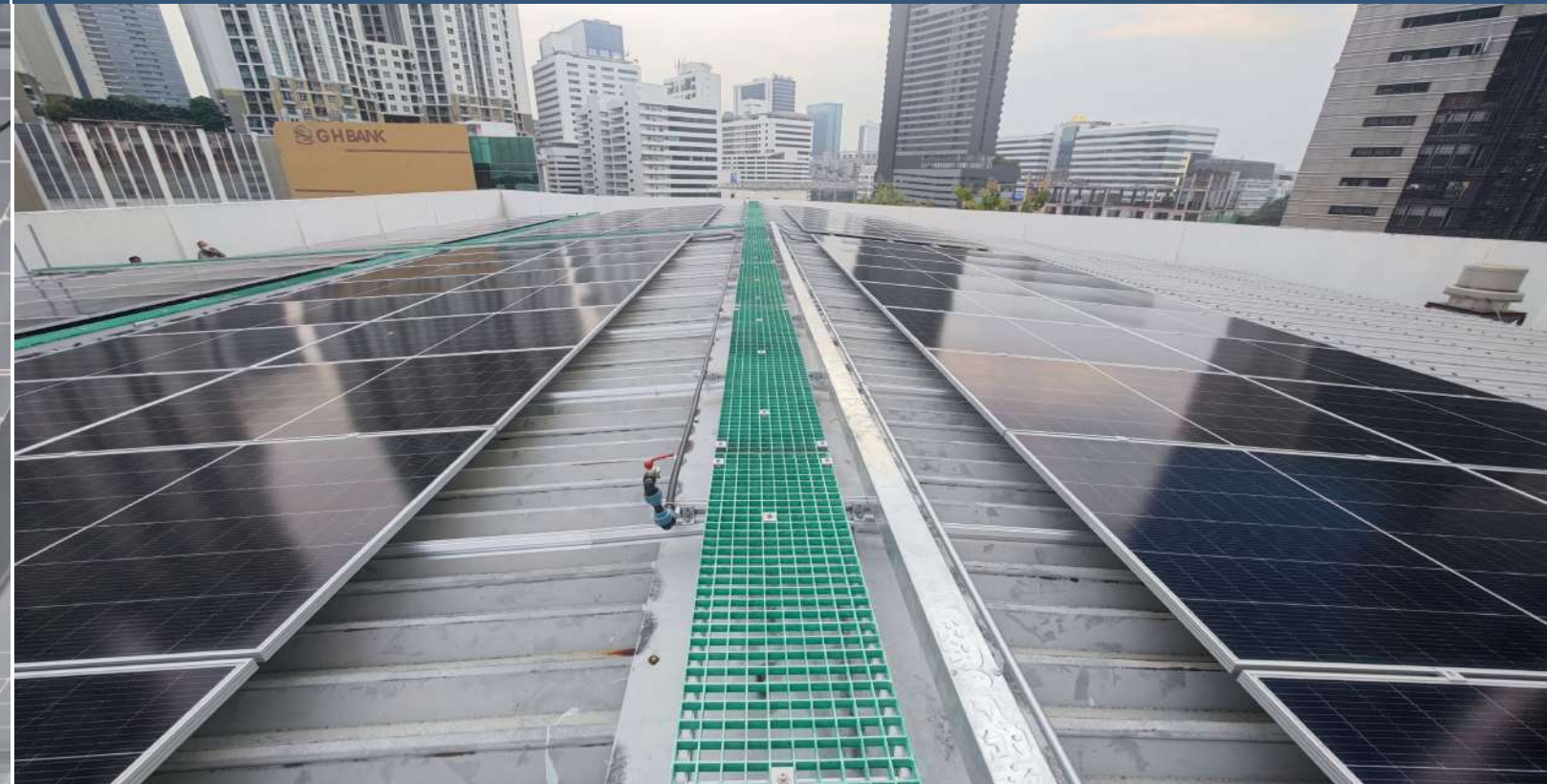
YRO RSD used in 875 kW Solar Project in Bangkok, Thailand



33 kW Solar Parking in Bangkok, Thailand



125 kW Solar Roof in Bangkok, Thailand



YHQ-600 Solar Optimizer



Scan to watch the
function on Youtube



Monitor&DC Arc Fault Detector

Dc monitor products are mainly used in Dc powertransmission anddistribution,such as photovoltaic combiner boxes , DCcabinets.Main function:

Real-time monitoring of the generation current,voltage, temperature of the combiner box,lightning arrester status, DC circuit breaker status , and DC Arc Fault status of each photovoltaic string in the combiner box, and communicate with the host computer through Rs485.

Technical Date	Technical Parameter
Type Code:	YHQ-600
Maximum Input Power	600w
Operating voltage Range:e:	3~70v
Maximum Input Current:e:	15A
MPPT Voltage Range:e:	8~70V
Over-current Protection:	18A
Over-temperature Protection:	160°C
Maximum Output Current:	17A
Output Voltage Limiting Threshold:	42v
Total Maximum System Voltage:	1500v
Peak Conversion Efficiency:	99.5%
Operating Temperature Range:	-40°C~ +85°C
Protection Degree:	Ip68
Monitor:	PLC gateway(optional)
Communication:	2.4G wifi/RS485(optional)

• YHQ-600

*72 Type 370Wp Mono Module, 1100V Inverter

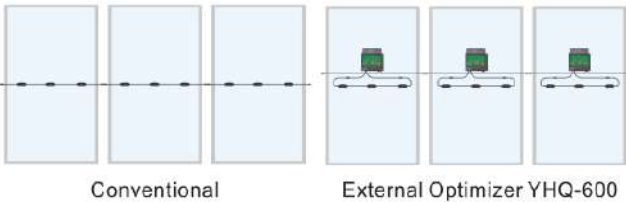


Conventional Module: 20 pcs/ string@ 1100V, 28 pcs/ string@ 1500V



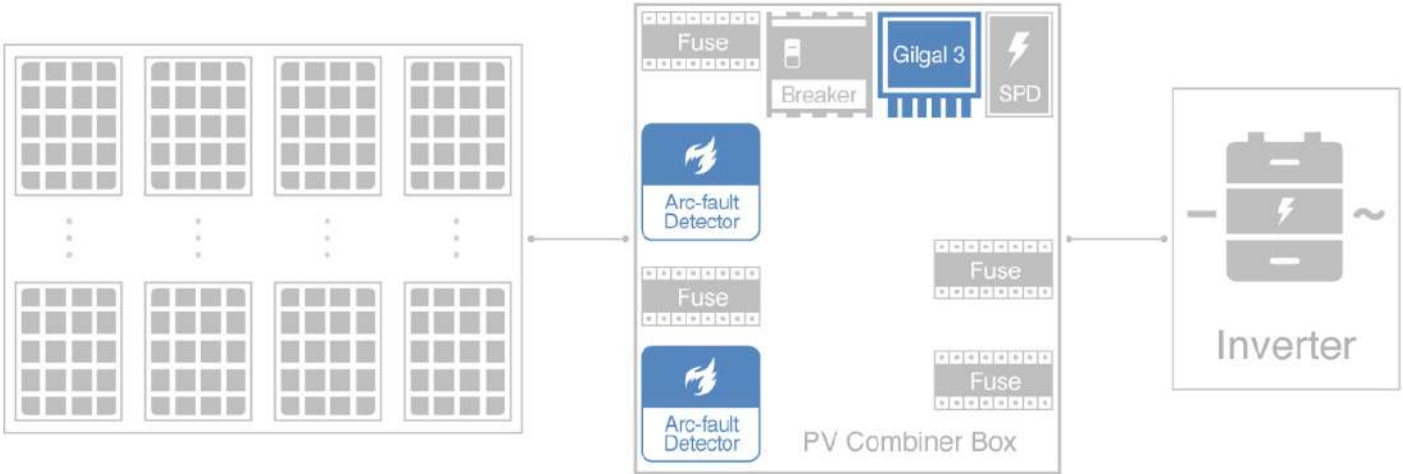
Conventional Module: 26 pcs/ string@ 1100V, 36 pcs/ string@ 1500V

Module Assembly Diagram



Technical Date	Technical Parameter
Max system Voltage:	DC1500v
Hall sensor:	20A(default)/30A/60A
Communication:	Channels:
Channels:	Max 32 channels
Monitor:	String Current/String Voltage/ Arc Fault/Temperature/Switch Status

• Application Diagram:

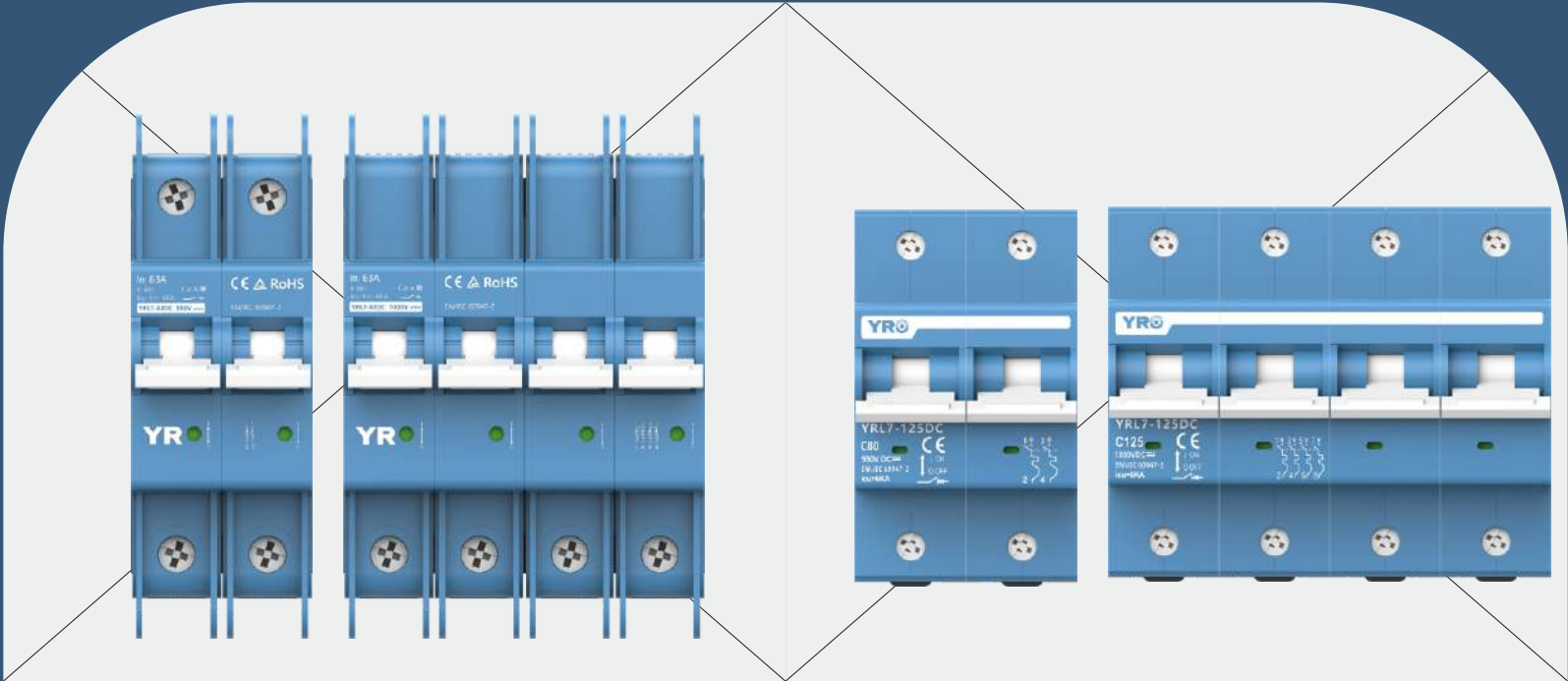




YRL7-63DC

Miniature Circuit Breaker

YRO Your Reliable Option



YRL7-125DC

Miniature Circuit Breaker

YRO Your Reliable Option

- Non-polarity Type
- High temperature resistance
- COLD AND HEATRESISTANT



Your Reliable Option



Your Reliable Option

- Non-polarity Type
- High temperature resistance
- COLD AND HEATRESISTANT

Technical Date	Technical Parameter
Type Code:	YRL7-63DC
Rated Current Ie:	6/10/16/20/25/32/40/50/63A
Rated Voltage Ue:	1P 300V/2P 600v(800v optional)/3P 900V/4P 1200V
Breaking Capacity:	6kA(2P 800V 4.5kA)
Rated Impact voltage Uimp:	8kV
curve type:	B/C/D
Trip type:	Thermal release, magnetic release
Mechanical:	20000 times
Electrical life:	1000times
Ambient temperature:	-20~70℃
Altitude:	≤2000m
Recommend Wiring capacity: 32A→4mm²/40A→6mm²/50A→10mm²/63A→16mm²	

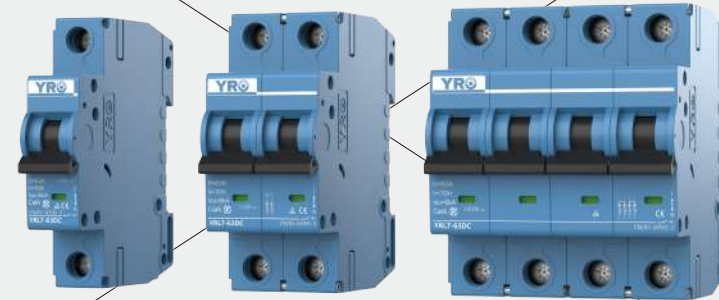
Technical Date	Technical Parameter
Type Code:	YRL7-125DC
Rated Current Ie:	80/100/125A
Rated Voltage Ue:	1P 250V/2P 550v(800v optional)/3P 750V/4P 1000V
Breaking Capacity:	10kA
Rated Impact voltage Uimp:	8kV
Curve type:	B/C/D
Trip type:	Thermal release, magnetic release
Mechanical:	20000times
Electrical life:	1000times
Ambient temperature:	-20~70℃
Altitude:	≤2000m
Recommend Wiring capacity:80A→16mm²/100A→25mm²/125A→35mm²	



YRL7-63DC

Polarity DC Circuit Breaker

Altitude:≤2000m

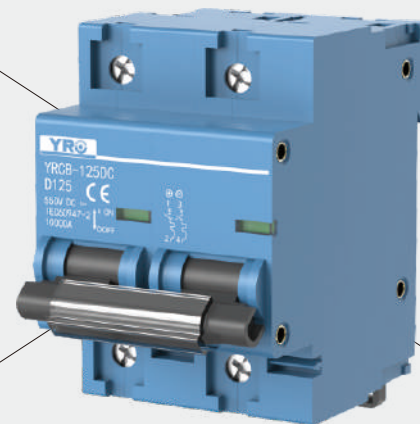


Rated Current:	6/10/16/20/25/32/40/50/63A
Rated Voltage:	1P 250V/2P 500V/3P 750V/4P 1000V
Breaking Capacity:	6kA
Rated Impact voltage Uimp:	8kV
Curve type:	B/C/D(Default C)
Trip type:	Thermal release/ magnetic release
Mechanical life:	20000 times
Electrical life:	1000 times
Ambient temperature:	-20~70°C

YRCB-125DC

Polarity DC Circuit Breaker

Altitude:≤2000m



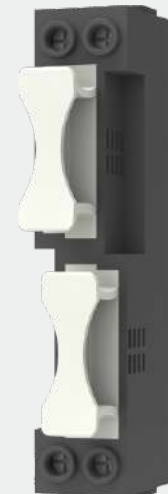
Rated Current:	80/100/125A
Rated Voltage:	1P 250V/2P 500V/3P 750V/4P 1000V
Breaking Capacity:	10kA
Rated Impact voltage Uimp:	6kV
Curve type:	B/C/D(Default D)
Trip type:	Thermal release/ magnetic release
Mechanical life:	20000 times
Electrical life:	800 times
Ambient temperature:	-20~70°C



YROPV-30HB

Twin DC Fuse Holder

Available for 2 fuse links



Rated Current: 1/2/3/4/5/6/8/10/12/15/20/25/30/32A	
Breaking Capacity: 20kA	Breaking Capacity: 20kA
Fuse size: 10x38mm	Power Consumption: 3.5W
Standard: IEC 60269-6	Altitude:≤2000m
Ambient temperature: -30~+70°C	Relative Humidity<95%
Fuse Holder: YROPV-32B	Rated Current: 32A
Insulation voltage: DC1100V	Standard: IEC 60947-3
Rated Voltage: DC1000V	

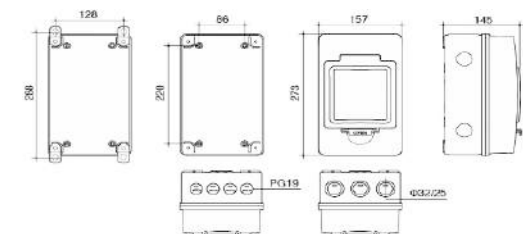
YHM IP65

Waterproof MCCB Box

Suitable for 2P 125&250A MCCB



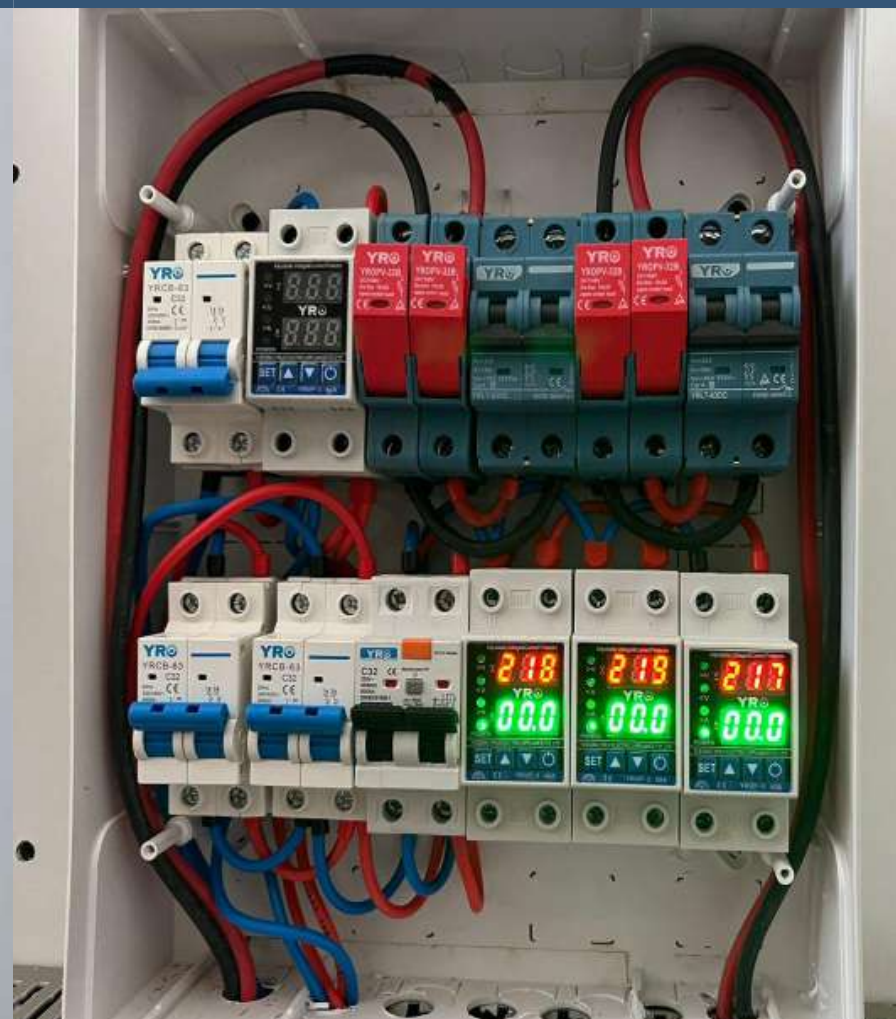
It is applicable for special waterproof, dustproof and corro-sion-proof
Executive standard IEC60529 EN 60309 Ip65



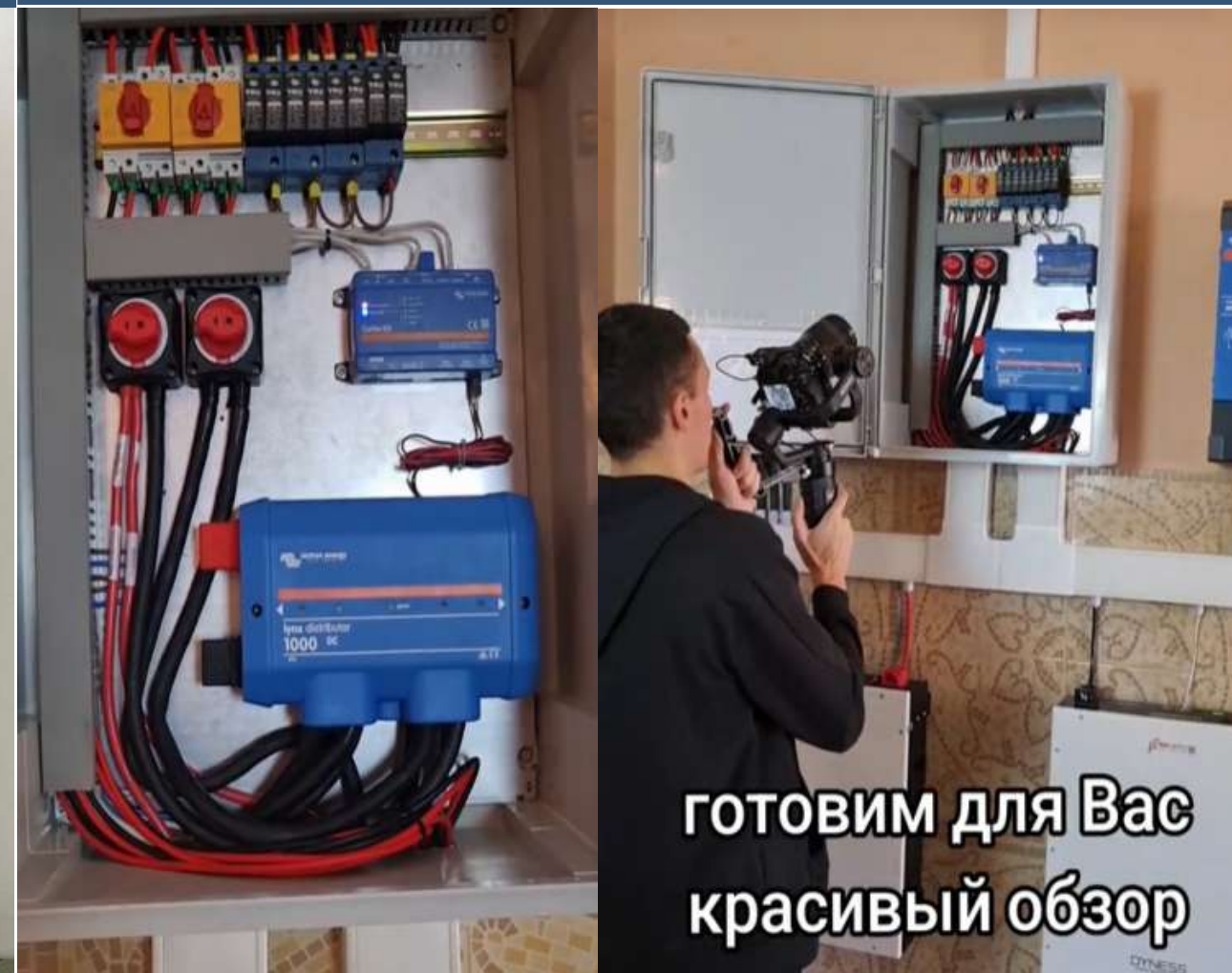
12 kW Solar Project in South Africa



8 kW Solar Project in Lebanon



Solar Storage Project in Ukraine



10 kW Solar Project in Hungary



60kW Solar Project in Puerto Rico



12kw in Nigeria





YRM3DC-250HU

DC Mold Case Circuit Breakerr

Altitude:≤2000m



Rated Current Ie:	63/80/100/125/160/200/250/315/350/400/630/800/1000/1250A
Rated Voltage Ue:	1P 250V/2P 550V/3P 750V/4P 1000V
Breaking Capacity:	25kA
Rated Impact voltage Uimp:	8KV
Standard:	IEC 60947-2
Trip type:	Thermal release, magnetic release
Mechanical:	20000 times
Electrical life:	1000 times
Ambient temperature:	-20~70°C
Accessories	Auxiliary .Alarm,Shunt release,Manually operated and electric operation

YRSP-D2 T2

PV Surge Protective Device

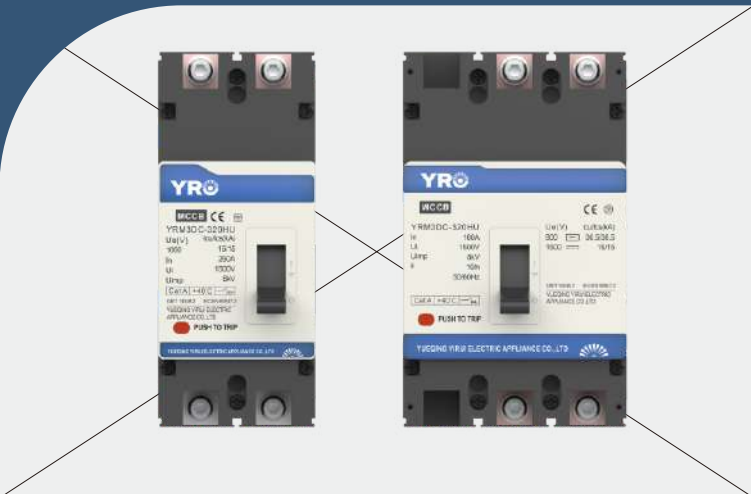
Max Voltage Ucpv:	2P 600/800/1000V; 3P 1000/1200/1500V	Accessories:	Remote signal contact
Normal discharge current In:	20kA	Standard:	5/20us Type II
Max discharge current Imax:	40kA		
Up:	2.8~5.2kV		
Technology:	MOV		
Insulation:	PVC hot dip molding		
Wiring capacity:	4~16mm2		
Replace:	module replacement		
Ambient temperature:	-30 ~+70°C		
Altitude:	≤2000m		



YRM3DC-320HU

DC Mold Case Circuit Breaker

Altitude:≤2000m



Rated Current Ie:	63/80/100/125/160/200/250/320/400/630/800A
Rated Voltage Ue:	2P 1000V/1500V
Breaking Capacity:	20kA
Rated Impact voltage Uimp:	12KV
Standard:	IEC 60947-2
Trip type:	Thermal release, magnetic release
Mechanical:	20000 times
Electrical life:	3000 times
Ambient temperature:	-35~70°C
Accessories	Auxiliary .Alarm,Shunt release,Manually operated and electric operation

YRSP-D2 T1+T2

PV Surge Protective Device

Max Voltage Ucpv:	2P 600/800V; 3P 1000/1200/1500v	Altitude:	≤2000m
Normal discharge current In:	20kA	Accessories:	Remote signal contact
Max discharge current Imax:	50kA	Standard:	IEC 61643-31
Up:	2.2~5.2kV	Classified:	5/20us+10/350us Type I+II
Iimp:	6.25kA	Insulation:	Insulation
Technology:	MOV		
total:	12.5kA		
Wiring capacity:	4~16mm ²		
Replace:	module replacement		
Ambient temperature:	-30 ~+70°C		





YROPV-30 DC Fuse 1000V

Rated Current: 1/2/3/4/5/6/8/10/12/15/20/25/30/32A	
Breaking Capacity: 20kA	Breaking Capacity: 20kA
Fuse size: 10 × 38mm	Power Consumption: 3.5w
Standard: IEC 60269-6	Altitude: ≤2000m
Ambient temperature: -30 ~+70°C	Relative Humidity<95%
Fuse Holder: YROPV-32B	Rated Current: 32A
Insulation voltage: DC1100V	Standard: IEC 60947-3
Rated Voltage: DC1000V	



YROPV-63 DC Fuse 1000V

Rated Current: 40/50/63A	Rated Voltage: DC1000V
Breaking Capacity: 20kA	Power Consumption: 7w
Fuse size: 14 × 51mm	Fuse Type: gPV
Standard: IEC 60269-6	Altitude: ≤2000m
Ambient temperature: -30 ~+70°C	Relative Humidity<95%
Fuse Holder: YROPV-63B	
Rated Current: 63A	Insulation voltage: DC1100V
Standard: IEC 60947-3	



YROPV-160(NH00) Battery Fuse Disconnecter

Rated Current Ie: 32/40/63/80/100/125/160A	
Rated Voltage Ue: 60V/1000V	Breaking Capacity: 50kA
Fuse size: NH00	Power Consumption: 12W
Standard: IEC 60269-7	Fuse Type: gBat
Ambient temperature: -30 ~+70°C	Relative Humidity<95%
Fuse Holder: YROPV-160B	Rated Current: 160A
Insulation voltage: DC1000v	Standard: IEC 60947-3
Installation way: Panel mounting	



YROPV-250(NH1) Battery Fuse Disconnecter

Type: YROPV-250(NH1)	
Rated Current: 200/250A	Breaking Capacity: 20kA Power
Consumption: 32W~50w	Fuse size: NT1
Fuse Type: gBat	Standard: IEC 60269-7
Ambient temperature: -30 ~+70°C	Altitude: ≤2000m
Fuse Holder: YROPV-250B	Relative Humidity<95%
Rated Current: 250A	
Rated Voltage: DC12-1000V	Standard: IEC 60947-3



YROPV-400(NH2) Battery Fuse Disconnecter

Type: YROPV-400(NH2)	
Rated Current: 200/250/315/350/400A	Breaking Capacity: 20kA Power
Consumption: 32W~50w	Fuse size: NT2
Fuse Type: gBat	Standard: IEC 60269-7
Ambient temperature: -30 ~+70°C	Altitude: ≤2000m
Fuse Holder: YROPV-400B	Relative Humidity<95%
Rated Current: 400A	
Rated Voltage: DC12-1000V	Standard: IEC 60947-3



YROPV-32H DC Fuse 1500V

Rated Current: 2/4/6/8/10/12/15/20/25/30/32A	
Breaking Capacity: 20kA	Rated voltage: DC1500v
Fuse size: 10 × 85mm	Power Consumption: 7w
Fuse Type: gPV	Standard: IEC 60269-6
Altitude: ≤2000m	Ambient temperature: -30 ~ +70°C
Relative Humidity<95%	Fuse Holder: YROPV-32HB
Rated Current: 32A	Insulation voltage: DC1500V
Standard: IEC 60947-3	



YRDS1DB/N32 DC ISOLATOR SWITCH 1000v

Rated Thermal Current: 32A	Rated Voltage: DC1200v				
Utilization category: DC-PV1/DC-PV2	Standard: IEC 60947-3				
Rated Voltage (PV-2):	300v	600v	800v	1000v	1200v
2P Rated Current:	32A	32A	16A	9A	9A
4P 2string Rated Current:	32A	32A	16A	9A	9A
4P in 4S Rated Current:	32A	32A	32A	32A	32A
Standard: IEC 60947-3					

Switching Configurations

Type	2-pole	4-pole	4-pole with Input and Output on top	4-pole with Input and Output on top	4-pole with Input on top Output bottom
-	2	4	4T	4B	4S
Contancts Wiring graph					
Switching example					

YRDS1EL/N32 DC ISOLATOR SWITCH

1000V



Technical Date

Rated Thermal Current: 32A		Rated Voltage: DC1200v			Standard: IEC 60947-3
Utilization category: DC-PV1/DC-PV2		Protection Level:IP66			
Rated Voltage :	300v	600v	800v	1000v	1200v
2P Rated Current:	32A	32A	16A	9A	9A
4P 2string Rated Current:	32A	32A	16A	9A	9A
4P in 4S Rated Current:	32A	32A	32A	32A	32A
6P 3string Rated Current:	40A	40A	40A	40A	40A
8P 4string Rated Current:	40A	40A	40A	40A	40A
10P 5string Rated Current:	40A	40A	40A	40A	40A

1500V

YRDS1x/S32 DCISOLATOR SWITCH 1500V

Rated Thermal Current:55A	
Breaking Capacity: 20kA	Rated Voltage: DC1500V
Utilization category: DC-PV1/DC-PV2	Standard: IEC 60947-3
x=DB/EL/PM	
DB=Din-rail install; EL=waterproof enclosure; PM=panel mounting	
Rated impulse withstand voltage Uimp: 8kA	
Electrical Life: 3000 Cycles	Mechanical Life:10000 Cycles
Distance of contacts (per pole):8mm	Operation temperature: -40°C ~+85°C
IP rating: DB/PM → IP20; EL → IP66	

DC-PV1:

Rated Voltage:	600v	800v	1000v	1200v	1500V
2/4/6/8/10P Rated Current:	55A	55A	50A	40A	30A
4T/B/S Rated Current:	55A	55A	55A	55A	55A
3T/6T/9T Rated Current:	55A	55A	55A	55A	55A
2H Rated Current:	100A	55A	50A	40A	30A
3H Rated Current:	/	100A	50A	40A	30 A
4H Rated Current:	/	/	100A	40A	30 A

DC-PV2:

Rated Voltage:	600v	800v	1000v	1200V	1500V
2/4/6/8/10P Rated Current:	55A	50A	40A	32A	18A
4T/B/S Rated Current:	55A	55A	50A	40A	36A
3T/6T/9T Rated Current:	/	/	50A	45A	36A

YRL7i-63DC DC Isolator Switch

Rated Current: 16/32/40/63A	Insulation voltage Ui: 1000v
Rated Voltage Ue: 1P 250V/2P 550V/3P 750V/4P 1000v	
Standard: IEC 60947-3	Rated Impact voltage Uimp: 6kv
Mechanical: 20000 times	Electrical life:2000 times
Ambient temperature: -20 ~+70°C	
Pole:1P/2P/3P/4P	

YEBS

Battery Rotary Switch



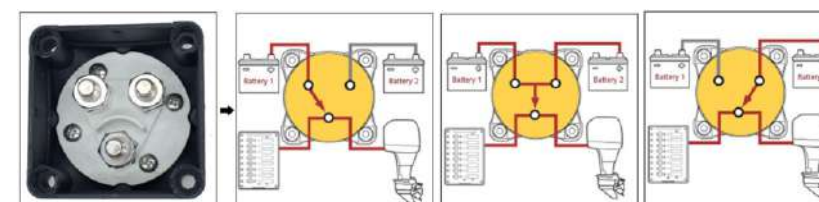
This item is widely used in all kinds of RV,boats,,winch power cable,both apply to the inside or the outside electrical equipment's switch,such as flashing light,chassis light,fog light, dome light and soon.

Technical Date

Operation Voltage Ue: 12~48V		Electric Current: 100~300A
Current Rating: 275A/12Vdc; 150A/24Vdc; 75A/48Vdc		
Operation: On/Off		Mounting Screw Diameter: 10mm
Ambient temperature: -20 ~70°C		Altitude: ≤2000m
Type:	YRBS-1	YRBS-2
Continuous Rating:	275A	600A
Intermittent Rating:	455A	/
Cranking Rating:	1250A	2500A
Operation Type:	ON/OFF	ON/OFF



Type: YRBS-1&2



Type: YRBS-3

YRHD-315
DC ISOLATOR SWITCH

1500V



Technical Date

Thermal Current Ith: 315A	Rated Voltage: DC1500v
Utilization category: DC-PV1/DC-PV2	Protection Level: Ip20
Rated impulse withstand voltage Uimp: 12kV	Standard: IEC 60947-3

• DC-PV1/DC-21B

Ith:	160A	250A	315A
1000V 2p:	160A	250A	315A
1500V 2P	160A	250A	315A

• DC-PV2

1000V 2P:	160A	250A	315A
1500V 2P:	100A	160A	250A
1500V 3P:	160A	250A	315A
Recommended Cable(mm²):	70	120	185
Electrical Life: 1000 Cycles	Mechanical Life:8000 Cycles		

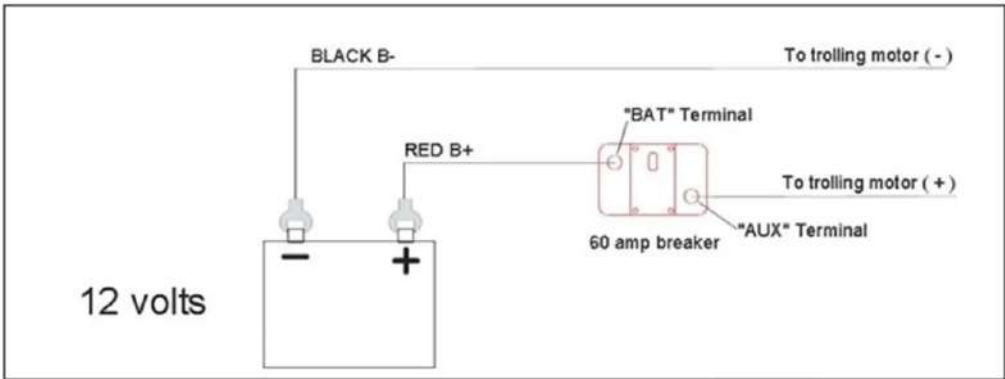


YR65 Waterproof Car DC Circuit Breaker

YR65 Series DC breakers mainly used for car audio and Amps protection and in trucks, boat, RVs , marine, buses ect; also used in battery charges and DC sound system.
Manual reset button, manual control and easy to operate with manual reset arm, also can be used as a Kill Switch.

Technical Date

Rated Voltage Ue: DC 12V	Max Voltage: 48V
Rated Current: 30/40/50/60/70/80/100/120/150/200/250/300A	
Operating Temperature: -32°C(-25°F)-82°C(180°F)	
Mounting Type:Surface Mount	



YMC4H Photovoltaic Fuse

Rated Current: 30A(4mm ²)	Rated Voltage: DC1000/1500V
Flame Class: UL94 V-0	Insulation Material: PPO
Temperature Range:-40~+85°C	IP Rating: IP68
Test Voltage: 6000V(50Hz,1min)	Contact resistance : 1mΩ
Fuse size: 10 × 38mm for 1000V/10 × 85mm for 1500V	
Fuse Spec: 1~30A	

YMC4D Photovoltaic Diode Connector

Rated Current: 20A	Rated Voltage: DC1000v
Flame Class: UL94 V-0	Insulation Material: PPO
Temperature Range:-40~+85°C	IP Rating: Ip68
Test Voltage: 6000V(50Hz,1min)	Contact resistance : 0.5mΩ



Photovoltaic Cable

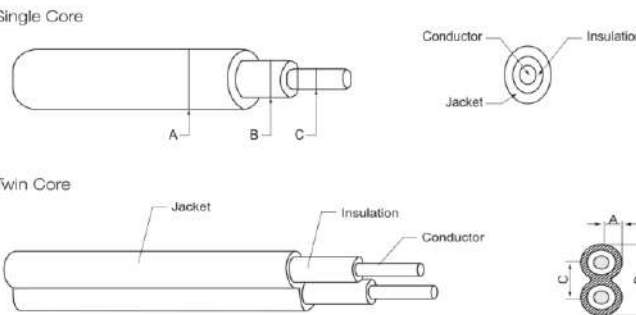
PV cable with Dual wallinsulation, electron beam cross-linked.Excellent resistance to UV, water, ozone, fluids, salt, general weathering for DC1000/1500v.

Single Core

Conductor Size(mm ²):	4	6	10	16	25
AWG:	11	9	7	5	3

Twin Core

Conductor Size(mm ²):	1.5	2.5	4	6
AWG:	15	13	11	9

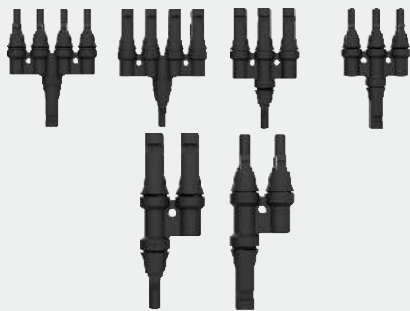


Photovoltaic Connector(MC4 Connector)

Rated Current: 30A(2.5~4mm ²) /45A(6mm ²)	Rated Voltage: DC1000/1500v
Contact Material: Copper-tin plated	Insulation Material: PPO
Flame Class: UL94 v-0	IP Rating: IP68
Insertion Force: < 50N	Temperature Range:-40~+125°C
Type Code: PV-LTM4	Test Voltage: 12KV
Contact Resistance of Plug Connectors ≤0.5mΩ	Locking System: Snap-in
Salt mist spray test, degree of severity 5: IEC 62852	

Photovoltaic Branch Connector

Rated Current: 30A(4mm ²)	Rated Voltage: DC1000/1500v
Contact Material: Copper-tin plated	Insulation Material: PC
Flame Class: UL94V-0	IP Rating: IP68
Insertion Force: <50N	Temperature Range:-40~+110°C
Y Branch Connector: 2-1; 3-1; 4-1 DC1000V(1500v optional)	
T Branch Connector: 2-1; 3-1;4-1;5-1 DC1000V(1500v optional)	





Energy storage connector

Rated Voltage:DC1000v	Contact resistance : 0.2mΩ							
Protection Level: UL94 V-O/IP67	Insulation Material: PA66							
Temperature Range:-40~+125	Mechanical Life:500 Cycles							
°Clnsertion Force: < 75N	Conductor: Copper silver plated							
Rated Current:	70A	100A	120A	150A	200A	250A	300A	400A
Conductor(mm ²):	16	25	35	16	50	95	120	185
Terminal hole(mm):	6	6	6	8	8	12	12	12



Type1



Type2



Type3



Type4



Type5



1000V

1500V

MC4 Connector Wrench

- Multi-function for Photovoltaic connector 1000v and 1500v
- It's used to connect and disconnect the MC4 connectors.



MC4 Connector Crimping Tool

- Type Code: A2546B
- Multi-function for Photovoltaic connector 1000V and 1500V.
- It's used to Crimp the MC4 connectors



Cable Cutter

- Type Code: WX-206
- t's used to cut the cables



Cable Stripper

- Type Code: WX-700B(1~3.2mm²); WX-700M(2.5~6mm²)
- Used to peel off the insulation sheath on the wire.

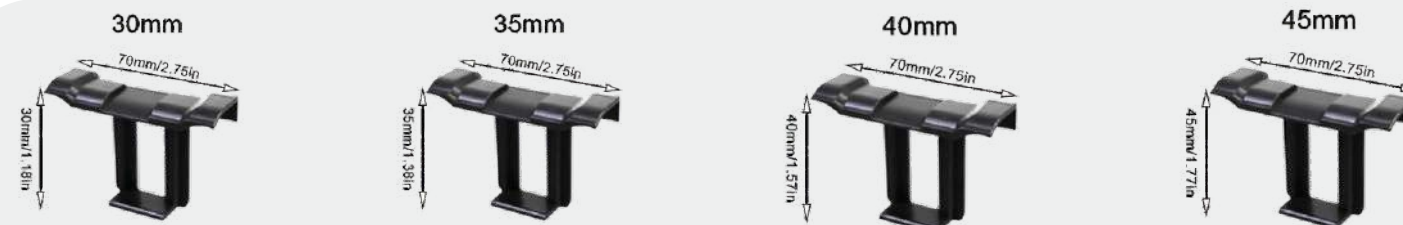


Cable Stripper

- Type Code: WX-0626 (0.6~2.6mm²)
- Used to peel off the insulation sheath on the wire

Solar Panel Water Drainage Clips

- It's used to remove the dust and drainage the water on the solar panels.
- For 25/30/35/40/45mm thickness Panel Frame.



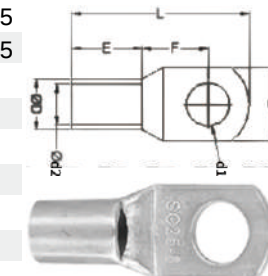
SUS304 Stainless cable clip

- It's used to mount the solar cables on the solar panels.
- Suitable for 4&6mm²solar cable and contains 2 cables/3 cables/4 cables type optional



Copper Lugs Ring Crimp Terminal

Items	d1	d2	D	B	E	F	L
SC1.5-4	6.2	5.3	6.6	11	12	9.5	28
SC16-8	8.5	5.3	6.6	13	12	10.5	30.5
SC16-10	10.5	5.3	6.6	14.5	12	10.5	30.5
SC25-6	6.5	7	8.5	12	13	10.5	31
SC25-8	8.5	7	8.5	14	13	11.5	33
SC25-10	10.5	7	8.5	15	13	11.5	33
SC35-6	8.5	8.3	10	14	15	13	37
SC35-8	8.5	8.3	10	14	15	13	37
SC35-10	10.5	8.3	10	16	15	14	38
SC35-12	12.5	8.3	10	17	15	14	38
SC50-8	8.5	9.5	11.5	18	17	16	43
SC50-10	10.5	9.5	11.5	18.5	17	16	43
SC50-12	12.5	9.5	11.5	19	17	16	43
SC50-14	14.5	9.5	11.5	20	17	16	43





YRMI-600W IP67 Micro Inverter



YRMI-600W IP67 Micro Inverter

DC input: 20-50Vdc	MPPT Track: 22-48Vdc
AC output 120/230V(optional)	AC Cable: 2m/3×1.5mm
wifi App:TUYA/Smart Home	Frequency: 48-60Hz
Max input current: 12A×2	Solar Panel:(200-420w)×2
Maximum Units per Branch: 120VAC:5units/230VAC: 10units	

YRMI-600W IP67 Micro Inverter

DC input: 20-50Vdc	MPPT Track: 22-48Vdc
AC output: 120/230V(optional)	AC Cable: 2m/3×1.5mm
Wifi App: TUYA/Smart Home	Frequency: 48-60Hz
Max input current: 16A×2	Solar Panel:(200-500w)×2
Maximum Units per Branch: 120VAC:3units/230VAC: 6units	

YRMI-700W IP67 Micro Inverter

DC input: 20-50Vdc	MPPT Track: 22-48Vdc
AC output: 120/230V(optional)	AC Cable: 2m/3 × 1.5mm
Wifi App: TUYA/Smart Home	Frequency: 48-60Hz
Max input current: 14A × 2	Solar Panel:(200-460w) × 2
Maximum Units per Branch: 120VAC:3units/230VAC: 6units	

< Micro Inverter

YRMI-1200W IP67 Micro Inverter



YRMI-1200W IP67 Micro Inverter

DC input: 18-60Vdc	MPPTTrack: 22-48Vdc
AC output: 120/230V(optional)	AC Cable: 2m/3×1.5mm
Wifi App: TUYA/Smart Home	Frequency: 48-60Hz
Max input current: 12A×4	Solar Panel:(200-420w)×4
Maximum Units per Branch: 120VAC:2units/230VAC: 3units	

YRMI-1400W Micro Inverter

DC input: 18-60Vdc	MPPT Track: 22-48Vdc
AC output: 120/230V(optional)	ACCable: 2m/3×1.5mm
wifi App:TUYA/Smart Home	Frequency: 48-60Hz
Max input current: 14A×4	Solar Panel:(200-460w)×4
Maximum Units per Branch: 120VAC:2units/230VAC: 3units	

YRMI-1600W Micro Inverter

DC input: 18-60Vdc	MPPT Track: 22-48Vdc
AC output: 120/230V(optional)	AC Cable: 2m/3× 1.5mm
wifi App:TUYA/Smart Home	Frequency: 48-60Hz
Max input current: 15A×4	Solar Panel:(200-500w)×4
Maximum Units per Branch: 120VAC;2units/230VAC: 3units	

YRMI-2000W Micro Inverter

DC input: 18-60Vdc	MPPT Track: 22-48Vdc
AC output: 120/230v(optional)	AC Cable: 2m/3 × 1.5mm
Wifi App:TUYA/Smart Home	Frequency: 48-60Hz
Max input current: 16A × 4	Solar Panel:(200-600w) × 4
Maximum Units per Branch: 120VAC:2units/230VAC: 3units	



Stacked FeLiPO4 Battery

Rated Voltage: 51.2Vdc	BMS: with BMS
Battery Capacity: 100/200/300/400/500AH	Suggest DOD: 80%
Power Capacity: 5.12/10.24/15.36/20.48/25.6/30.72kwh	
Cycle life: 6000times at 0.2C	Warranty: 5 years
Max Charge&Discharge Current: 100A(default)/200A(Optional)	



Wall Mounting FeLiPO4 Battery

Rated Voltage: 51.2Vdc	BMS: with BMS
Battery Capacity: 100/200AH	Communication: Bluetooth(optional)
Wifi App:TUYA/Smart Home	Suggest DOD: 80%
Cyclelife: 6000times at 0.2C	Warranty: 5years
Max Charge&Discharge Current: 100A(default)/200A(Optional)	

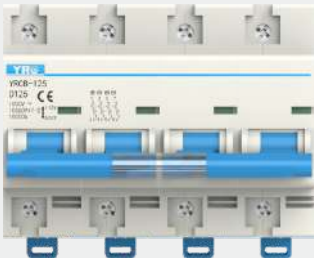
YRL7-63 Miniature Circuit Breaker

Rated Current Ie: 6/10/16/20/25/32/40/50/63/80/100A		Rated frequency: 50/60Hz
Rated Voltage Ue: 1P 230V; 2P 230/400V; 3P/4P 400V;		
Type Code:	YRL7-63	YRL7-63Pro
Breaking Capacity:	6kA	10kA
Standard: IEC 60269-6	230/400V~	240/415V~
Curve type: B/C/D	Trip type: Thermal trip, magnetic trip	
Mechanical: 20000 times	Electrical life: 8000 times	
Ambient temperature: -20 ~+70°C	Standard: IEC 60898-1	
Recommend Wiring capacity: 32A → 4mm²/40A → 6mm²/50A → 10mm²/63A → 16mm²		



YRCB-125 Miniature Circuit Breaker

Rated Current Ie: 80/100/125A	Rated frequency: 50/60Hz
Rated Voltage Ue: 230/400V~	Insulation voltage Ui: 500v
Breaking Capacity: 10kA	Rated Impact voltage Uimp: 4kV
Curve type: B/C/D(default)	Trip type: Thermal trip, magnetic trip
Mechanical: 20000 times	Electrical life: 1500 times
Ambient temperature: -20 ~+70°C	Standard: IEC 60947-2
Recommend Wiring capacity: 80A → 16mm²/100A → 25mm²/125A → 35mm	



YRM1 Mold Case Circuit Breaker

Rated Current Ie: 63/80/100/125/160/200/250/315/350/400/630/800/1000/1250A	
Rated Voltage Ue: 230/400V~	Insulation voltage Ui: 690
Breaking Capacity: 25kA	Rated Impact voltage Uimp: 8kV
Standard: IEC 60947-2	Trip type: Thermal trip, magnetic trip
Mechanical: 20000 times	Electrical life: 2000 times
Ambient temperature: -20 ~+70°C	Altitude: ≤2000m
Accessories: Auxiliary .Alarm,Shunt release,Manually operated and electric operation.	

YRM3-HU Mold Case Circuit Breaker

Rated Current Ie: 63/80/100/125/160/200/250/320/400/630/800A	
Rated Voltage Ue: 415/800/1140V~	Insulation voltage Ui: 1140V~
Breaking Capacity: 36.5~85kA	Rated Impact voltage Uimp: 12kV
Standard: IEC 60947-2	Trip type: Thermal /magnetic release
Mechanical: 5000 times	Electrical life: 1000 times
Ambient temperature: -35 ~ +70	Altitude: ≤ 2000m
Accessories: Auxiliary,Alarm,Shunt release,Manally operated and electric operation.	

YRL7-63LE Residual Current Circuit Breaker Operator

Rated Current Ie: 6/10/16/20/25/32/40/50/63A		Rated frequency: 50/60Hz	
Mode: Electronic(default)/ Electromagnetic(optional)			
Breaking Capacity: 6kA		Residual Operating Current:30/100/300ma	
Rated Voltage: 230/400V		Insulation voltage Ui: 500v	
Curve type: B/C/D		Type AC (default)	Type A Type B
Mechanical: 10000 times		Electrical life: 4000 times	
Ambient temperature: -20 ~+70°C		Standard: IEC 61009-1	
Pole: 1P+N&2P for single phase/3P+N&4P for triple phase			

YRCB-63LB Residual Current Device

Rated Current Ie: 25/40/63/100A		Rated frequency: 50/60Hz	
Pole: 1P+N for single phase/3P+N for triple phase			
Breaking Capacity: 6kA		Residual Operating Current:30/100/300ma	
Rated Voltage: 230/400v		Insulation voltage Ui: 500v	
Type AC	(default)	Type A	Type B
Mechanical: 4000 times		Electrical life: 2000 times	
Ambient temperature: -20 ~+70°C		Standard: IEC 61008-1	
Recommend Wiring capacity: 32A→4mm ² /40A→6mm ² /50A→10mm ² /63A→16mm ²			

YRSP-A2 T2 Surge Protective Device

Max Voltage Uc: 1P/2P 275/385/420V;3P/4P 275/385/420/440/480V	
In: 5/10/20/30/40kA	Max discharge current Imax: 40/60kA
Up: 1.2~2.5kV	
Technology: MOV	Type of Network: TT,TN
Wiring capacity: 4~16mm ²	Rated frequency: 50/60Hz
Ambient temperature:-30 ~+70°C	Altitude: ≤2000m
Accessories: Remote signal contact	Standard: IEC 61643-11
Classified: 5/20μs Type II	Insulation: PVC hot dip molding

YRSP-A12 T1+T2 Surge Protective Device

Max Voltage Uc: 1P/2P 275/385/420V; 3P/4P 275/385/420/440/480/600v	
Normal discharge current In: 20/30kA	Max discharge current Imax: 50/60kA
Up: 1.7kV	Iimp: 7/12.5kA
Technology: MOV	Type of Network: TT,TN
Wiring capacity: 4~16mm ²	Rated frequency: 50/60Hz
Ambient temperature: -30 ~+70°C	Altitude: ≤2000m
Accessories: Remote signal contact	Standard: IEC 61643-11
Classified: 5/20μs+10/350μs Type I+II	Insulation: PVC hot dip molding

YRSP-A1 T1 Surge Protective Device

Max Voltage Uc: 1P/2P 275/385/420V; 3P/4P 275/385/420/440/480/600V	
Normal discharge current In: 25/100kA	Up: 1.0~2.5kV
Max impulse current Iimp: 25/50/100kA	Imax(5/20us): 100kA
Technology: Spark Gap/MOV	Type of Network: TN-C,TN-S,TT
Wiring capacity: 4~35mm ²	Rated frequency: 50/60Hz
Ambient temperature: -30 ~+70°C	Altitude: ≤2000m
Accessories: Remote signal contact	Standard: IEC 61643-11
Classified: 10/350us Type I	

R015&RT18-32X Fuse

Rated Current: 1/2/3/4/5/6/8/10/12/15/20/25/30/32A		Rated Voltage: AC500v	
Breaking Capacity: 50kA		Rated Voltage: AC500v	
Fuse size: 10 × 38mm		Fuse Type: gG	
Standard: IEC 60269-2		Altitude: ≤2000m	
Ambient temperature:-30 ~+70℃		Rated frequency: 50/60Hz	
Fuse Holder: YROPV-32B		Material: PBT	
Rated Current: 32A		Insulation voltage: 690v	
Standard: IEC 60947-3			

R016&RT18-63X Fuse

Rated Current: 4050/63A	Rated Voltage: AC500v
Breaking Capacity: 50kA	Power Consumption: 7w
Fuse size: 14 × 51mm	Fuse Type: gG
Standard: IEC 60269-2	Altitude: ≤2000m
Ambient temperature: -30 ~+70°C	Rated frequency: 50/60Hz
Fuse Holder: RT18-63X	Material: PBT
Rated Current: 63A	Insulation voltage: 690v
Standard: IEC 60947-3	

R017&RT18-125 Fuse

Rated Current: 80/100/125A	Rated Voltage: AC500V
Breaking Capacity: 50kA	Power Consumption: 14W
Fuse size: 22 × 58mm	Fuse Type: gG
Standard: IEC 60269-2	Altitude: ≤2000m
Ambient temperature: -30~+70°C	Rated frequency: 50/60Hz
Fuse Holder: RT18-125	Material: PA6+Resin
Rated Current: 125A	Insulation voltage: 690v
Standard: IEC 60947-3	



NT00/NT1/NT2/NT3/NT4 Knife Fuse

Rated Current: 63/80/100/125/160/200/250/400/630/800A	
Breaking Capacity: 120kA	Breaking Capacity: 120kA
Fuse size: NH00/NH1/NH2/NH3/NH4	Fuse Type: gG
Standard: IEC 60269-2	Altitude: ≤2000m
Ambient temperature: -30 ~ +70°C	Rated frequency: 50/60Hz
Fuse Holder: NTOO/NT1/NT2/NT3/NT4	Material: PA6
Rated Current: 160~800A	Insulation voltage: 690v
Standard: IEC 60947-3	Rated Voltage: AC500v



16-40A



63-80A

YRAS80 AC Isolator Switch

Rated Thermal Current: 16/20/25/32/40/63/80/100/125A Pole: 3P/4P

Rated insulation voltage: 800v Rated impulse withstand voltage:8kv

Rated frequency: 50/60Hz I_{max}(5/20us): 100kA

Type Code:	YRAS80-DB40	DB80	DB125							
AC-22A/B:	500V~	16A	20A	25A	32A	40A	63A	80A	100A	125A
AC-23A/B:	500V~	16A	20A	25A	25A	25A	63A	63A	80A	100A
DC-21B:	400Vdc	16A	20A	25A	25A	25A	40A	40A	63A	63A
AC-23A/B:	500V~	7.5kw	9kw	11kw	15kw	18.5kw	30kw	37kw	45 kw	55kw

YRAS69EL Waterproof AC Isolator Switch

Rated Thermal Current: 20/32/40/63A Pole: 2P/3P/4P

Rated insulation voltage: 690v Rated impulse withstand voltage:8kV

Rated frequency: 50/60Hz Standard: IEC 60947-3

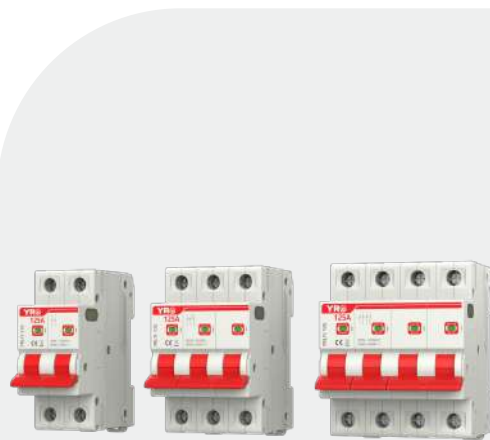
Rated Carry Current:	20A	32A	40A	63A	80A
AC-23A:	16A	25A	32A	45A	45A
AC-3:	12A	23A	30A	37A	37A
Power AC-23A 240V:	4kw	7.5kw	9kw	15kw	15kw
Power AC-23A 440V:	75kw	125kw	16kw	22kw	22kw



20-40A



63-80A



YRL7i-63 AC Isolator Switch

Rated Current I _e : 16/3240/63A	Rated frequency: 50/60Hz
Rated insulation voltage: 690v	Insulation voltage U _i : 500v
Rated frequency: 50/60Hz	Rated Impact voltage U _{imp} : 4kv
Rated Current I _e : 16/3240/63A	Electrical life: 1500 times
Rated insulation voltage: 690v	Pole:1P/2P/3P/4P
Rated On/Off Capability: 1.05U _e 、3I _e COSφ=0.65	

Rated Short Time Withstand Current(A): 20I_e、t=1s



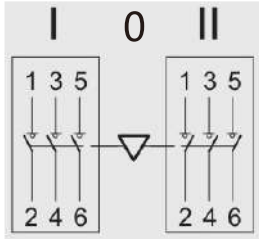
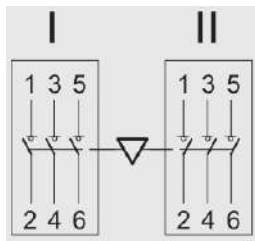
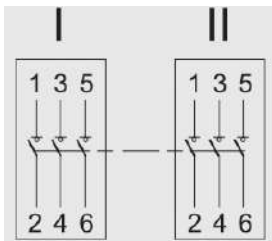
YRAS80-IM AC Transfer Switch

Rated Thermal Current: 63/80A	Pole: 3P/4P/6P/8P
Rated insulation voltage: 800V~	Standard: IEC 60947-3/60947-5
Rated Voltage: 415V~690V	Rated frequency: 50/60Hz
Type Code:	YRAS80-IM280 YRAS80-IM3180 YRAS80-IM3280
Description:	Manually turn ON/OFF Inter-lock switch nter-lock switch

Combination
6P/8P

For I-II

For I-0-II



30 kW Solar Project in Hungary



16.5kW Solar roof in Cebu, Philippines



5.5 kW Solar Project in South Africa

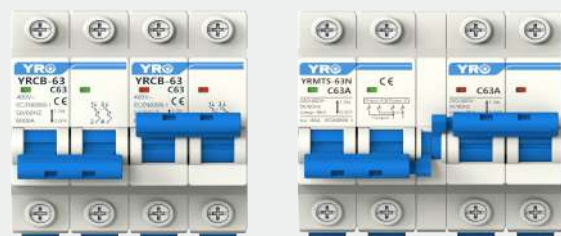


100kW Solar project in Puerto Rico



YRMTS-63

Inter-Lock Circuit Breaker



YRMTS-63

YRMTS-63N

Technical Date

Usage: For dual power system, two power source input, one power source output.

Rated Current Ie: 32/40/63A

Rated frequency: 50/60Hz

Rated Voltage: 230/400V~

Trip type: Thermal trip, magnetic trip

Breaking Capacity:

6kA

Curve type: C

Mechanical: 20000 times

Electrical life: 10000 times

Pole: 1P+1P; 2P+2P; 3P+3P; 4P+4P.

Ambient temperature: -20 ~+70

Standard: IEC 60898-1

Recommend Wiring capacity: 32A → 4mm²/40A → 6mm²/50A → 10mm²/63A → 16mm²



YR
Product video
Scan code to view

YMTS-125 Manual Changeover Switch

Usage: For dual power system, two power source input, one power source output

Rated Current:100/125A

Rated frequency: 50/60Hz

Rated Voltage:230/400V~

Switch Status: I-O-II

Mechanical:20000times

Electrical life:8000times

Pole:1P+1P;2P+2P;3P+3P;4P+4P.

Ambient temperature:-20~+70°C

Standard:IEC60947-3

Recommend Wiring capacity:100A → 25mm²/125A → 35mm²



YRQ2CB Automatic Transfer Switch

Usage: For dual power system, two power source input, one power source output.

Rated Current Ie: 32/40/63/100/125A

Rated frequency: 50/60Hz

Rated Voltage: 120/230/400v~

Switch Status: I-O-II

ATS level: CB Class/MCB

Model: Manual&Automatic together

Pole: 2P; 4P.

Optional Funtion: Generator restart

Ambient temperature: -20 ~+70

Standard: IEC60947-6-1

Transfer time: 1 second



Scan to watch the installation video on Youtube.

YRQ4CB Automatic Transfer Switch

Usage: For dual power system, two power source input, one power source output.

Rated Current: 125/250/400/630/800/1250A

Rated frequency: 50/60Hz

Rated Voltage: 400v~

Switch Status: I-O-II

ATS level: CBClass/MCB

Model: Manual&Automatic together

Pole: 3P; 4Pfor triple phase

Optional Funtion: Generator restart

Ambient temperature: -20 ~+70

Standard: IEC60947-6-1

Transfer time: 1second



YRQ4PC-63 Automatic Transfer Switch

Usage:For dual power system, two power source input, one power source output.

Uninterruptible power supply transfer switch.

Rated Current: 32/40/50/63A

Rated frequency: 50/60Hz

Rated Voltage: 230/400V~

OperationVoltage: 180~270V

ATS level: PC Class

Model: Manual&Automatic together

Pole: 2P; 4P

Optional Funtion: Indicator Aux

Ambient temperature: -20 ~+70

Standard:IEC60947-4-1

Transfer time: < 30ms

Switch Status: I-II



YRQ4PC-125 Automatic Transfer Switch(Generator)

Usage: For dual power system, two power source input, one power source output.

Uninterruptible power supply transfer switch.

Rated Current:63/100/125A

Rated frequency:50/60Hz

Rated Voltage:230/400V~

Operation Voltage:180~270V

ATS level: PC Class

Model: Manual&Automatic together

Pole: 2P;4P

Optional Funtion:Indicator Aux

Ambient temperature:-20~+70°C

Standard: IEC60947-4-1





YRQ4PC-125PV Automatic Transfer Switch(Inverter)

Usage: For dual power system, two power source input, one power source output. The backup power source B must connect to on-grid power. Main Power source A connect to solar Inverter. **This ATS only can work when the backup power is powered on.** Transfer time from power A to power B is within 30ms; transfer time from power B to power A will delay to 2 seconds to check the inverter voltage.

Rated Current: 63/100/125A	Rated frequency: 50/60Hz
Rated Voltage: 230/400V~	Operation Voltage: 180~270V
ATS level: PC Class	Model: Manual&Automatic together
Pole: 2P; 4P	Switch Status:I-II



YRQ4PC-125wifi Smart Transfer Switch

Usage: For dual power system, connect to wifi and control the transfer switch by your phone. **Note : This transfer switch don't have automatic transfer function!!!** Only can be controlled by smart phone or transfer manually.

Rated Current: 63/100/125A	Rated frequency: 50/60Hz
Rated Voltage: 230/400V~	Operation Voltage: 180~270V
Pole: 2P;3P; 4P	Model: Manual&by Phone
ATS level: PC Class	Switch Status:I-II
App: e welink	Note: only can connect to English 2.4G wifi



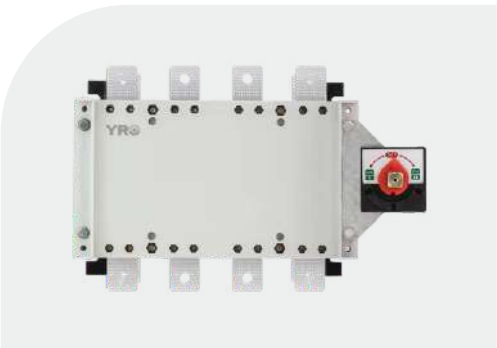
Scan to watch the function on Youtube



YRQ4PC Dual Power Transfer Switch

Usage: For dual power system, two power source input, one power source output. Uninterruptible power supply transfer switch.

Rated Current: 125/250/400/630/800/1250A	
Rated Voltage: 400V~	Switch Status: I-0-II
MTS level: PC Class	Model: Manual&Automatic together
Pole: 3P; 4P for triple phase	Optional Funtion: Generator restart
Ambient temperature: -20~+70°C	Standard: IEC 60947-3
Rated frequency: 50/60Hz	Standard: IEC 60947-3



YRGL1 Manual Changeover Switch

Usage: For dual power system, two power source input, one power source output.

Rated Current: 125/250/400/630/800/1250A	Rated frequency: 50/60Hz
Rated Voltage: 400V~	Switch Status: I-0-II
MTS level: PC Class	Model: Manual&Automatic together
Pole: 3P; 4P for triple phase	Optional Funtion: Generator restart
Ambient temperature: -20~+70°C	Standard: IEC 60947-6-1
Transfer time: <1 seconds	



YRCB-63Wifi Circuit Breaker

Protocol: YRO SMART/TUYA	Control Type: BothRemote/Manual				
OperationVoltage: 100-240V	RatedCurrent: 10-40A				
Function:	ON/OFF	Timing	Overload	Energy Meter	VoltageProtectio
Type :	√	√	√	√	√



YRL7-100Wifi Circuit Breaker

Protocol: YRO SMART/TUYA	Control Type: BothRemote/Manual				
OperationVoltage: 100-240V	RatedCurrent: 63-100A				
Function:	ON/OFF	Timing	Overload	Energy Meter	VoltageProtection
Type :	√	√	√	√	√
Pole: 1P+N/2P for single phase; 3P+N/4P for triple phase					
Scan to watch the video on Youtube					



YCH8 Modular Contactor

Rated Voltage Ue: 2P 230V; 4P 400V	RatedCurrent Ie: 25/32/40/63A
OperationVoltage: 100-240V	RatedInsulationVoltageUi: 500v
Protocol:	Frequency: 50/60
MainContact:	1P 1NO;1NC/2P 1NO1NC;2NO, 2NC/3P3NO;3NC/ 4P 2NO2NC/3NO1NC/4NO



CJX2 Contactor

Rated Voltage Ue: 24/48/220/380/660V
RatedInsulationVoltageUi: 500v
Frequency: 50/60Hz

Type:	CJX2-0901	CJX2-0910	CJX2-1201	CJX2-1210	CJX2-1801	CJX2-1810	CJX2-2501	CJX2-2510
Contact No.:	1NC	1NO	1NC	1NO	1NC	1NO	1NC	1NO
Type:	CJX2-3201	CJX2-3210	CJX2-4011	CJX2-5011	CJX2-6511	CJX2-8011	CJX2-9511	
Contact No.:	1NC	1NO	1NC+1NO	1NC+1NO	1NC+1NO	1NC+1NO	1NC+1NO	
F1/FC1 Auxiliary Contact:		F1-11	F1-20	F1-02	F1-22	F1-40	F1-04	F1-31
Contact No.:		1NO+1NC	2NO	2NC	2NC+2NO	4NO	4NC	3NO+1NC
								1NO+3NC



YRVP Over&Under Voltage Protector

Rated Voltage: 230V~for single phase; 400V~for triple phase

Type:	YRVP-1	YRVP-2	YRVP-3	YRVP-3/2	YRVP-4	YRVP-5	YRVP-6	YRVP-6wifi	YRVP-3wifi	YRVP-7	YRVP-1/3	YRVP-3/3	YRVP-3/3wifi	YRVP-ATS1	YRVP-ATS2
Max Current:	63A		40/63/80A	100A		63A			100A	63A	63/100/125A	63/100A	100A	63/80/100A	63/80/100A
over oltage	270v		230~30ov(Adjustable)								460±15V	230~300V/phase	230~300V/phase	230~300V/phase	230~300V/phase
Under voltage:	170v		140~210V(Adjustable)								300±15V	140~210V/phase	140~210V/phase	140~210V/phase	140~210V/phase
Delay time:	0.4~1min		1S~500s(default: 30S)Adjustable								60 s		with dry contact	without dry contact	with dry contact
Action time:	1 s		0.1S~30S (default: 0.5S)Adjustable								Three Phase Voltage Current Protector			Three Power Automatic Transfer Switch	
Earth Leakage	×	×	×	×	√	√	×	×	√	×	×	×	Optional	×	×
over Current:	×	×	√	√	√	√	√	√	√	×	×	√	√	√	√
surge Protect:	×	×	×	×	×	√	×	×	×	×	×	×	×	×	×
Kwh meter	×	×	×	×	×	×	√	√	√	×	×	×	√	×	×
App(wifi):	×	×	×	×	×	×	×	√	√	×	×	×	√	×	×
Voltage Meter:	×	√	√	√	√	√	√	√	√	√	×	√	√	√ Input Voltage	√ Input Voltage
Current Meter:	×	×	√	√	√	√	√	√	√	×	×	√	√	√ Output Current	√ Output Current&Voltage
Image:															



YEVC-3.5KB Portable EV Charger

Output Current: 16A

Charge gun cable: 5m(default); 3m and 10m optional

Charge type: Direct charge/plug and play

Charge Port:

Input Voltage: 240V~

Power: 3.5kw

Plug: 16A

Charge Socket:



YEVC-7KB Portable EV Charger

Output Current: 32A

Charge gun cable: 5m(default); 3m and 10m optional

Charge type: Direct charge/plug and play

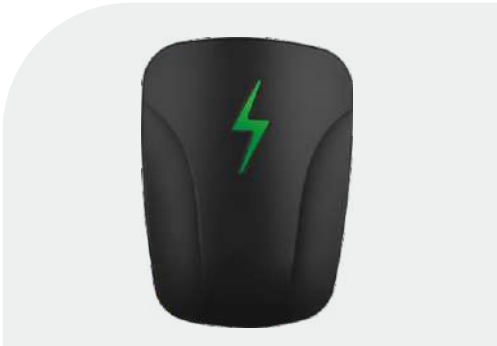
Charge Port:

Input Voltage: 240V~

Power: 7kw

Plug: 32A

Charge Socket:



YEVC-7KWM Wall-mounted EV Charger

Output Current: 32A

Charge gun cable: 3m(default); 3m and 10m optional

Charge type: Direct charge/plug and play

Charge Port:

Input Voltage: 240V~

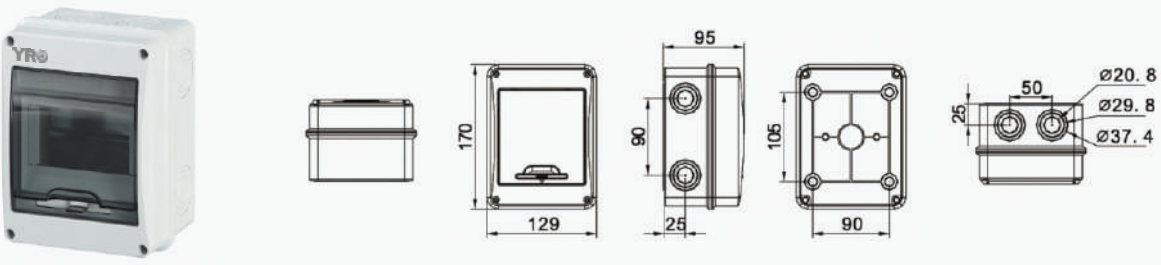
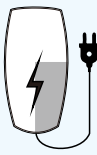
Power: 7kw



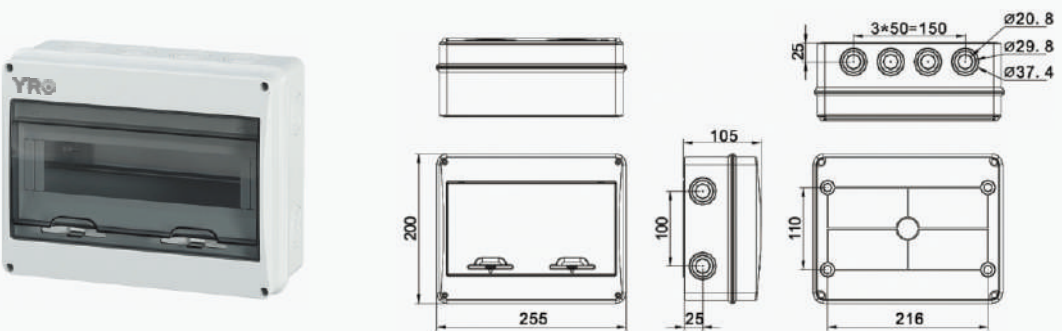
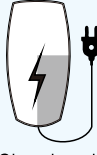
YHT SERIES

Waterproof Distribution Box

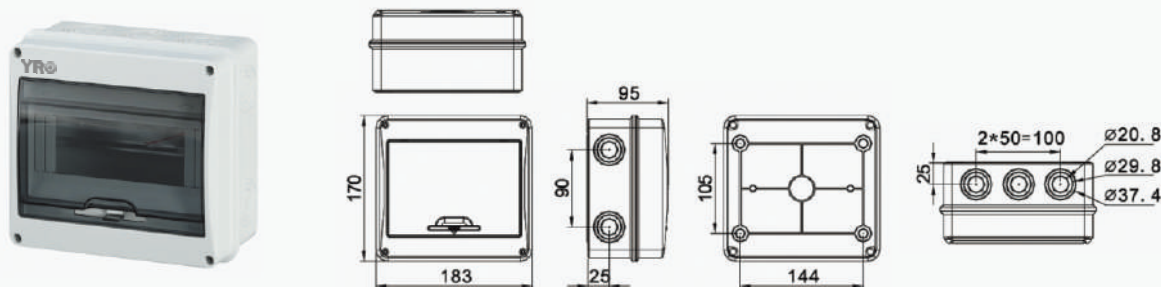
YHT-5WAYS

		
Protection class	IP65	
Insulation	Class II	 Charging pile can be equipped
Material	polycarbonate/ABS	
Shock resistance	IK10	
Protection against chemicals and weather conditions	Water.saline solutions.acids.basics.mineral oils.UV rays	
Operating temperature	-25°C~+100°C	
Nominal insulation voltage	1000V AC-1500V DC	
Flexibility WxHxD.external dimensions	118.5x159x88.6mm	

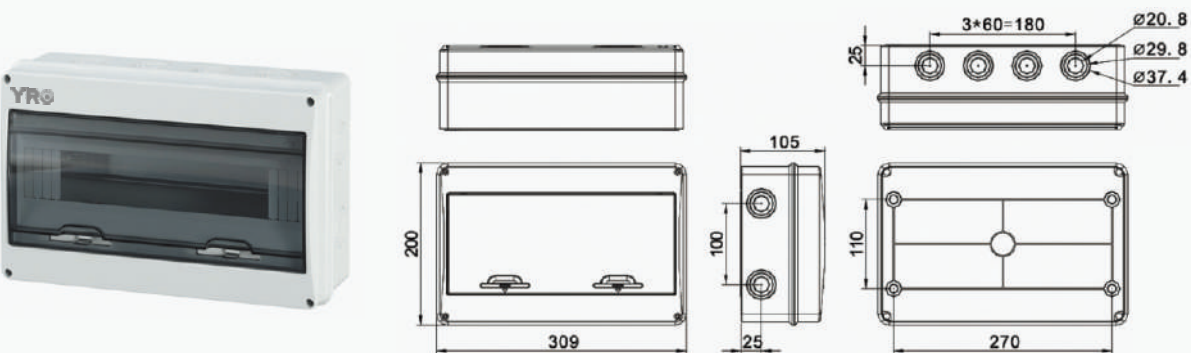
YHT-12WAYS

		
Protection class	IP65	
Insulation	Class II	 Charging pile can be equipped
Material	polycarbonate/ABS	
Shock resistance	IK10	
Protection against chemicals and weather conditions	Water.saline solutions.acids.basics.mineral oils.UV rays	
Operating temperature	-25°C~+100°C	
Nominal insulation voltage	1000V AC-1500V DC	
Flexibility WxHxD.external dimensions	255x200x106mm	

YHT-8WAYS

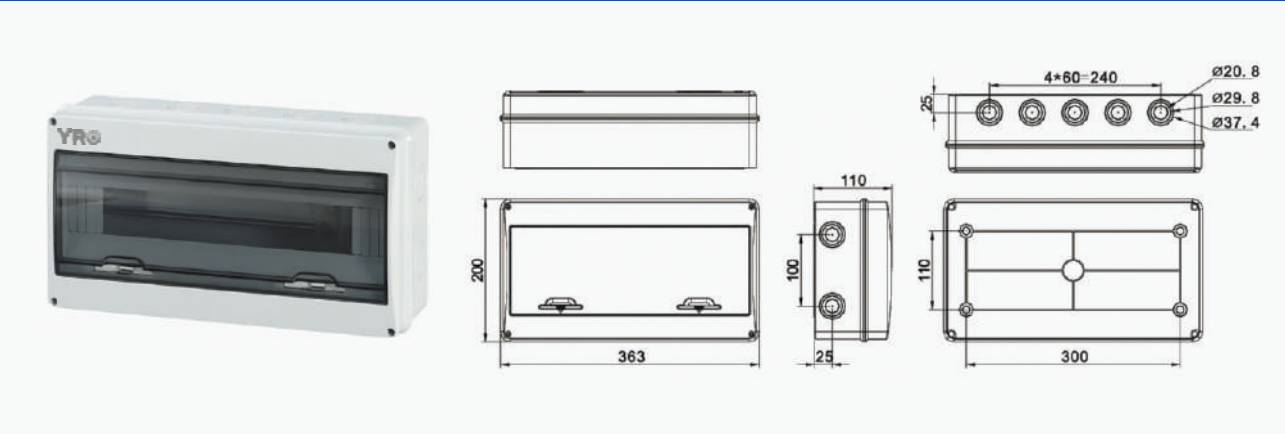
		
Protection class	IP65	
Insulation	Class II	 Charging pile can be equipped
Material	polycarbonate/ABS	
Shock resistance	IK10	
Protection against chemicals and weather conditions	Water.saline solutions.acids.basics.mineral oils.UV rays	
Operating temperature	-25°C~+100°C	
Nominal insulation voltage	1000V AC-1500V DC	
Flexibility WxHxD.external dimensions	200.5x154.5x88.9mm	

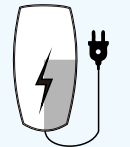
YHT-15WAYS

		
Protection class	IP65	
Insulation	Class II	 Charging pile can be equipped
Material	polycarbonate/ABS	
Shock resistance	IK10	
Protection against chemicals and weather conditions	Water.saline solutions.acids.basics.mineral oils.UV rays	
Operating temperature	-25°C~+100°C	
Nominal insulation voltage	1000V AC-1500V DC	
Flexibility WxHxD.external dimensions	310x197.5x106mm	

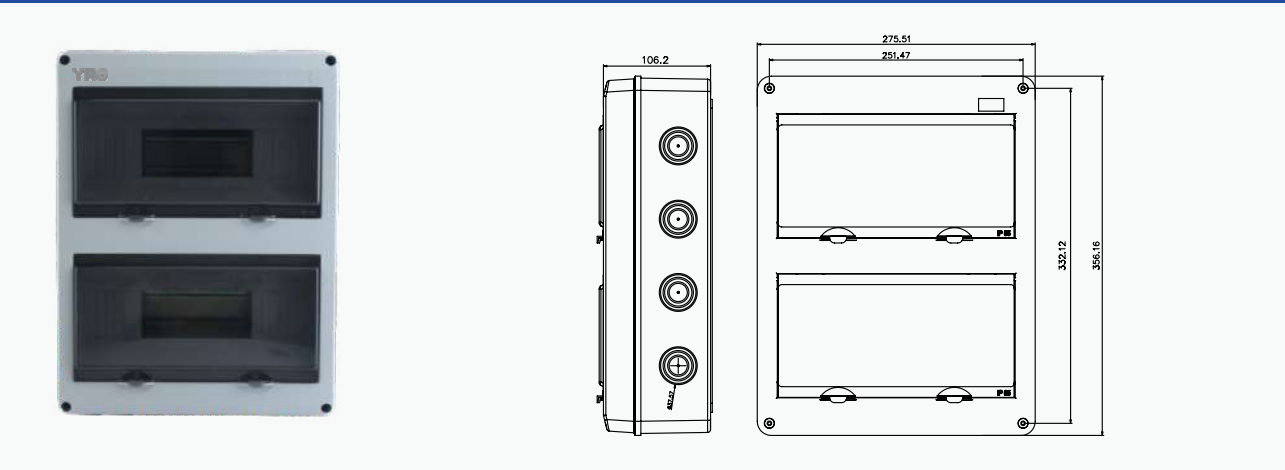


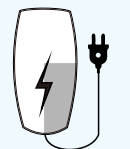
YHT-18WAYS



Protection class	IP65	 Charging pile can be equipped
Insulation	Class II	
Materal	polycarbonate/ABS	
Shock resistance	IK10	
Protection against chemicals and weather conditions	Water.saline solutions.acids.basics.mineral oils.UV rays	
Operating temperature	-25°C~+100°C	
Nominal insulation voltage	1000V AC-1500V DC	
Flexibility WxHxD.external dimensions	364x197.5x106mm	

YHT-24WAYS



Protection class	IP65	 Charging pile can be equipped
Insulation	Class II	
Material	polycarbonate/ABS	
Shock resistance	IK10	
Protection against chemicals and weather conditions	Water.saline solutions.acids.basics.mineral oils.UV rays	
Operating temperature	-25°C~+100°C	
Nominal insulation voltage	1000V AC-1500V DC	
Flexibility WxHxD.external dimensions	275.51x356.16x106.2mm	

YRDB SERIES
Waterproof Distribution Box



CE
Advantages

- The bottom shell and facial frame are made of new PC materials. The transparent surface cover is made of new PC.
- It has the characteristics of good toughness, high strength, good impact resistance, and long service life.
- Suitable for various indoor and outdoor places such as waterproof, dustproof, anti-corrosion, etc.
- Execution standards: GB/T 17466.1; GB/T 17466.24; IEC 60529; IP65



IP65 protection level
The surface cover and the bottom shell are wrapped in waterproof seals, and the waterproof performance is better.
The fixed screw is inside the waterproof strip to improve the waterproof performance.



Buckle structure
The facial frame and the surface cover enhance the deduction, and the structure is more reliable.



Reserved functional position
Facial frame reservation function sticker position. After the function is posted, check the component control area clearly.



Lock function
Reserve installation of anti-theft locks, the equipment is safer.



Circuit baffle structure
The noodle frame is carried on the left and right sides. It has partial filling function and is easy to disassemble.



Facial frames are not deserted in structure
The fixed facial frame is loosely without taking off the screws. After loosening the box, the screws will not be missed.



Can be open arbitrarily
You can open the hole according to the actual application needs.



Copper-ended sub-component
The terminal can pass the 960 ° C hot wire test, and the safety performance is guaranteed



Technical Data

Open installation waterproof distribution box							
Model	Number of circuits	Row	Dimensions (mm) (L*W*H)	Zero, ground row configuration	Carton size (mm) (L*W*H)	Gross weight (kg)	Packing (pieces)
YRDB-4	4 circuit	1	128*200*100	Zero, ground row: 3 holes	545*425*555	21.5	40
YRDB-6	6 circuit		164*200*100	Zero, ground row: 5 holes	545*425*530	17.8	30
YRDB-9	9 circuit		218*200*100	Zero, ground row: 5 holes	545*425*465	16.2	20
YRDB-13	13 circuit		296*230*120	Zero, ground row: 8 holes	622*520*490	19	16
YRDB-15	15 circuit		332*230*120	Zero, ground row: 8 holes	645*357*490	13.8	10
YRDB-18	18 circuit	2	386*230*120	Zero, ground row: 8 holes	645*405*490	15.5	10
YRDB-26	26 circuit		296*390*130	Zero, ground row: two 8 holes	642*425*415	19.2	6
YRDB-39	39 circuit		296*550*130	Zero, ground row: two 8 holes	565*315*146	2.7	1

Dimensions



YRO Electrician Gloves

0.35usd/pair



YRO Tape Measure 5 meters

1.39usd/piece



YRO Name Cards Note Book

2.2usd/piece



YRO Backpack

15usd/piece

YRO YR800W Solar Panel Multimeter

40USD



This solar panel multimeter can test the maximum power point and open-circuit voltage.

- Feature:
- Power: 5-800W
 - Voltage: 12-60V
 - Current: 0-35A
 - Power supply mode: Solar Panel Power Supply

Accessories



MC4 connecting cable



Alligator clip cable



EVA toolkit