

WHE CMB DC PV II IO 550V/1000V COMBINER BOX



HIGH RELIABILITY

With DC FUSE, With DC Surge Protection Device, With DC circuit breaker or DC load isolation switch.

STRONG ADAPTABILITY

IP65 design, waterproof, anti dust and anti ultraviolet. Strict test for high and low temperature, used widely. The simple installation, the simplified system wiring, the convenient wiring. The box body is made of cold rolled steel and other metal materials.

FLEXIBLE CONFIGURATION

Used for single crystal silicon solar modules, polycrystalline silicon solar modules, thin film solar modules. Current rating of the photovoltaic fuse, circuit breaker, load isolation switch is modified.

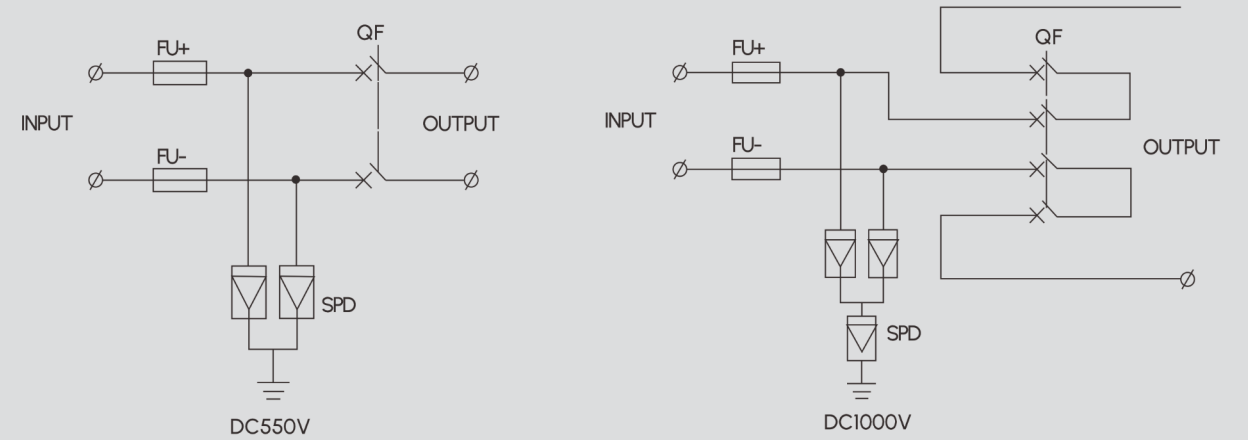
WOLTIFY MODEL	WHE CMB DC PV II IO 550V/1000V	
Electric Parameter		
System maximum dc voltage	550	1000
Maximum input current for each string		15A
Maximum input strings		1
Maximum output switch current		16A/20A
Number of inverter MPPT		1
Number of Output strings		1
Lightning Protection		
Category Of Test	II grade protection	
Nominal Discharge Current	20kA	
Maximum Discharge Current	40kA	
Voltage Protection Level	2.8kV	
Maximum Continuous Operating Voltage U _c	630V	3.8kV
Poles	2P	1050V
Structure Characteristic	Plug-push module	3P
System		
Protection rating	IP65	
Output switch	DC isolation switch (standard)/DC circuit breaker (optional)	
SMC4 Waterproof Connectors	Standard	
PV dc fuse	Standard	
PV surge protector	Standard	
Monitoring module	Optional	
Preventing diode	Optional	
Box material	PVC	
Installation method	Wall-mounting type	
Operating Temperature	-25°C~+55°C	
Elevation of temperature	2km	
Permissible relative humidity	0-95%, no condensation	
Mechanical Parameter		
Width x High x Depth	200x172x110mm	200x226x110mm

DESCRIPTION

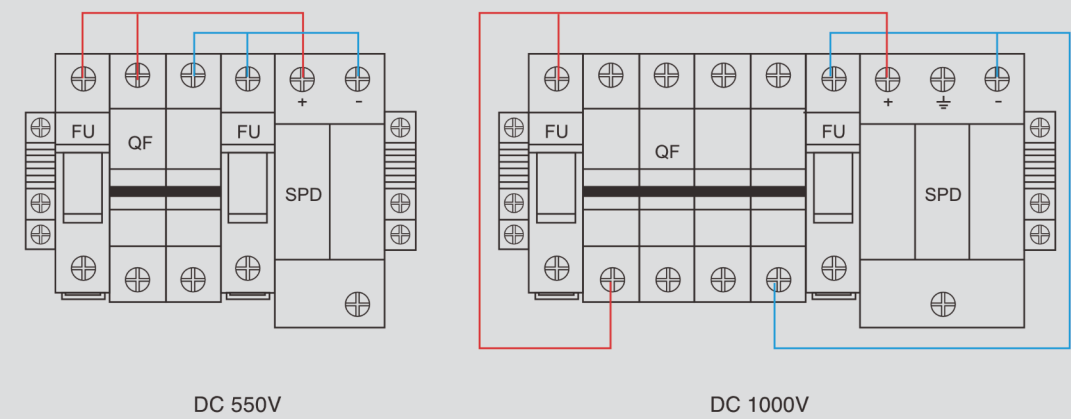
WHE CMB DC PV II IO 550V/1000V combiner box is suitable for inverter (MAX input voltage DC550V/DC1000v, 1 PV input channel, 1 output channel, single MPPT inverter). Box body is made of PVC engineering materials, with tests for fire retardancy, temperature rise, impact resistance, UV resistance, and other testing, IP65 protection grade.

Design and configuration strictly accordance with the "Technical specification for photovoltaic junction equipment". Provide users with a safe, brief, beautiful and applicable photovoltaic system products.

SCHEMATIC DIAGRAM



SCHEMATIC DIAGRAM



WHE CMB DC PV 2I 1O 550V/1000V COMBINER BOX



HIGH RELIABILITY

With DC FUSE, With DC Surge Protection Device, With DC circuit breaker or DC load isolation switch.

STRONG ADAPTABILITY

IP65 design, waterproof, anti dust and anti ultraviolet. Strict test for high and low temperature, used widely. The simple installation, the simplified system wiring, the convenient wiring. The box body is made of cold rolled steel and other metal materials.

FLEXIBLE CONFIGURATION

Used for single crystal silicon solar modules, polycrystalline silicon solar modules, thin film solar modules. Current rating of the photovoltaic fuse, circuit breaker, load isolation switch is modified.

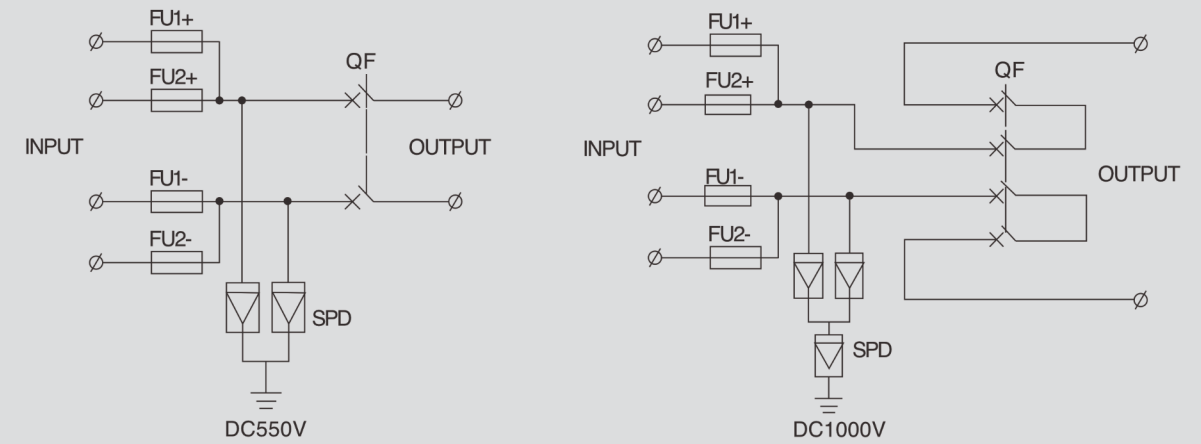
WOLTIFY MODEL	WHE CMB DC PV 2I 1O	
Electric Parameter		
System maximum dc voltage	550	1000
Maximum input current for each string		15A
Maximum input strings		1
Maximum output switch current		20A/32A
Number of inverter MPPT		1
Number of Output strings		1
Lightning Protection		
Category Of Test	II grade protection	
Nominal Discharge Current	20kA	
Maximum Discharge Current	40kA	
Voltage Protection Level	2.5kV	3.8kV
Maximum Continuous Operating Voltage U _c	630V	1050V
Poles	2P	3P
Structure Characteristic	Plug-push module	
System		
Protection rating	IP65	
Output switch	DC isolation switch (standard)/DC circuit breaker (optional)	
SMC4 Waterproof Connectors	Standard	
PV dc fuse	Standard	
PV surge protector	Standard	
Monitoring module	Optional	
Preventing diode	Optional	
Box material	PVC	
Installation method	Wall-mounting type	
Operating Temperature	-25°C~+55°C	
Elevation of temperature	2km	
Permissible relative humidity	0-95%, no condensation	
Mechanical Parameter		
Width x High x Depth	226x200x110mm	280x230x120mm

DESCRIPTION

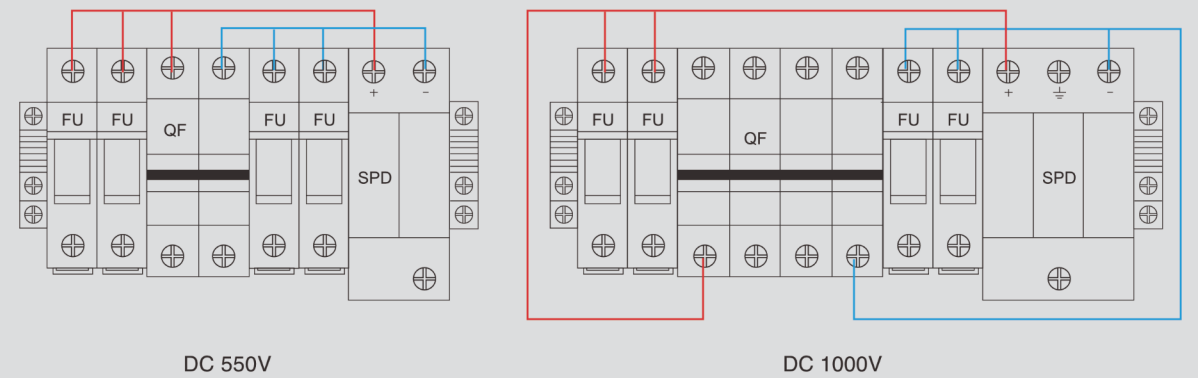
WHE CMB DC PV 2I 1O combiner box is suitable for inverter (MAX input voltage DC550V /DC1000V, 2 PV input channel, 1 output channel, single MPPT inverter). Box body is made of PVC engineering materials, with tests for fire retardancy, temperature rise, impact resistance, UV resistance, and other testing. IP65 protection grade.

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SCHEMATIC DIAGRAM



SCHEMATIC DIAGRAM



WHE CMB DC PV 4I 1O 550V/1000V COMBINER BOX



HIGH RELIABILITY

With DC FUSE, With DC Surge Protection Device, With DC circuit breaker or DC load isolation switch.

STRONG ADAPTABILITY

IP65 design, waterproof, anti dust and anti ultraviolet. Strict test for high and low temperature, used widely. The simple installation, the simplified system wiring, the convenient wiring. The box body is made of cold rolled steel and other metal materials.

FLEXIBLE CONFIGURATION

Used for single crystal silicon solar modules, polycrystalline silicon solar modules, thin film solar modules. Current rating of the photovoltaic fuse, circuit breaker, load isolation switch is modified.

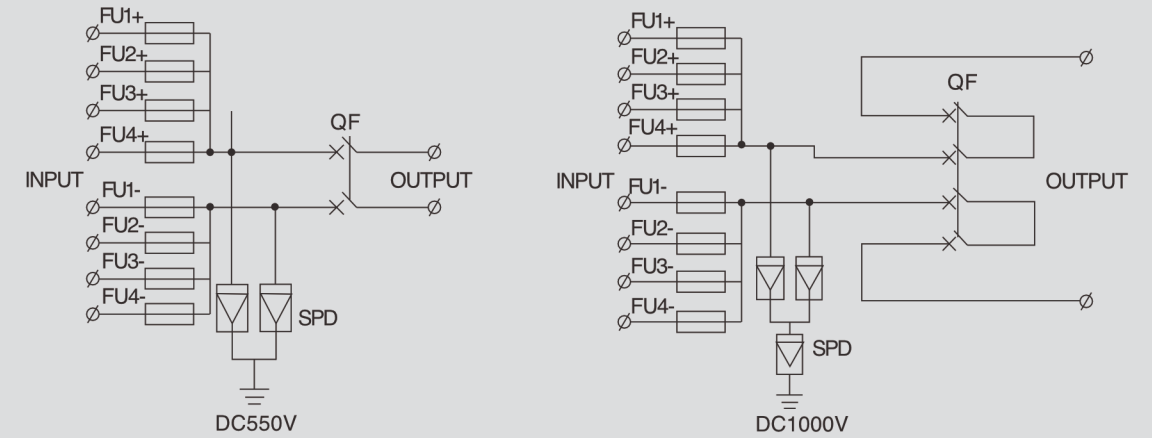
WOLTIFY MODEL	WHE CMB DC PV 4I 1O	
Electric Parameter		
System maximum dc voltage	550	1000
Maximum input current for each string		15A
Maximum input strings		4
Maximum output switch current		50A/63A
Number of inverter MPPT		1
Number of Output strings		1
Lightning Protection		
Category Of Test		II grade protection
Nominal Discharge Current		20kA
Maximum Discharge Current		40kA
Voltage Protection Level	2.8kV	3.8kV
Maximum Continuous Operating Voltage U _c	630V	1050V
Poles	2P	3P
Structure Characteristic	Plug-push module	
System		
Protection rating	IP65	
Output switch	DC isolation switch (standard)/DC circuit breaker (optional)	
SMC4 Waterproof Connectors	Standard	
PV dc fuse	Standard	
PV surge protector	Standard	
Monitoring module	Optional	
Preventing diode	Optional	
Box material	PVC	
Installation method	Wall-mounting type	
Operating Temperature	-25°C~+55°C	
Elevation of temperature	2km	
Permissible relative humidity	0-95%, no condensation	
Mechanical Parameter		
Width x High x Depth	410x285x140mm	

DESCRIPTION

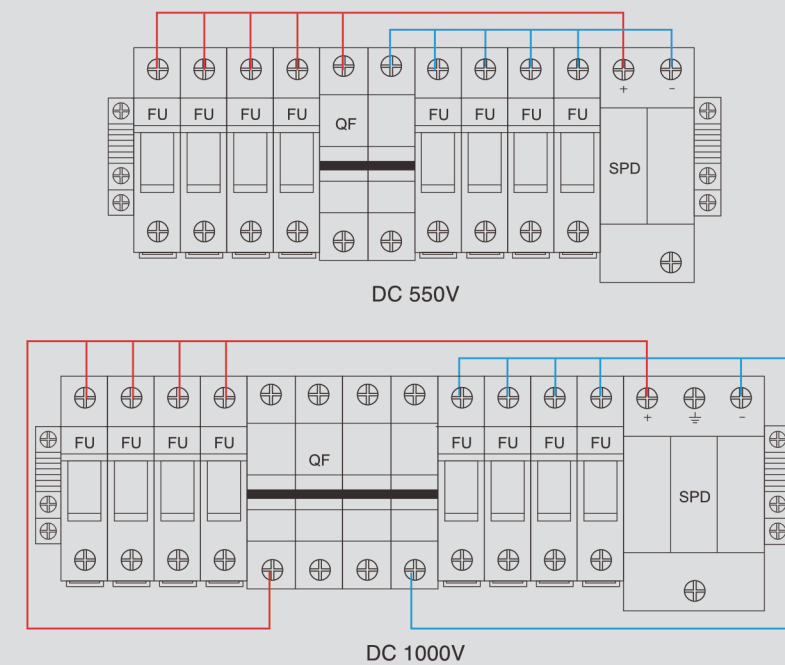
WHE CMB DC PV 4I 1O combiner box is suitable for inverter (MAX input voltage DC550V /DC1000V, 4 PV input channel, 1 output channel, single MPPT inverter). Box body is made of PVC engineering materials, with tests for fire retardancy, temperature rise, impact resistance, UV resistance, and other testing, IP65 protection grade.

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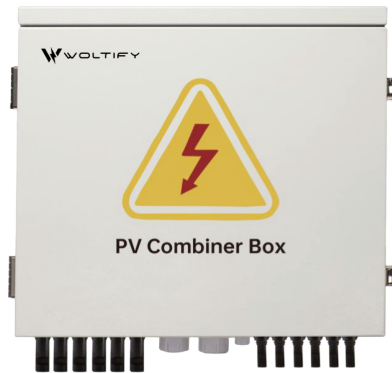
SCHEMATIC DIAGRAM



SCHEMATIC DIAGRAM



WHE CMB DC PV 6I 1O 1000V COMBINER BOX



HIGH RELIABILITY

With DC FUSE, With DC Surge Protection Device, With DC circuit breaker or DC load isolation switch.

STRONG ADAPTABILITY

IP65 design, waterproof, anti dust and anti ultraviolet. Strict test for high and low temperature, used widely. The simple installation, the simplified system wiring, the convenient wiring. The box body is made of cold rolled steel and other metal materials.

FLEXIBLE CONFIGURATION

Used for single crystal silicon solar modules, polycrystalline silicon solar modules, thin film solar modules. Current rating of the photovoltaic fuse, circuit breaker, load isolation switch is modified.

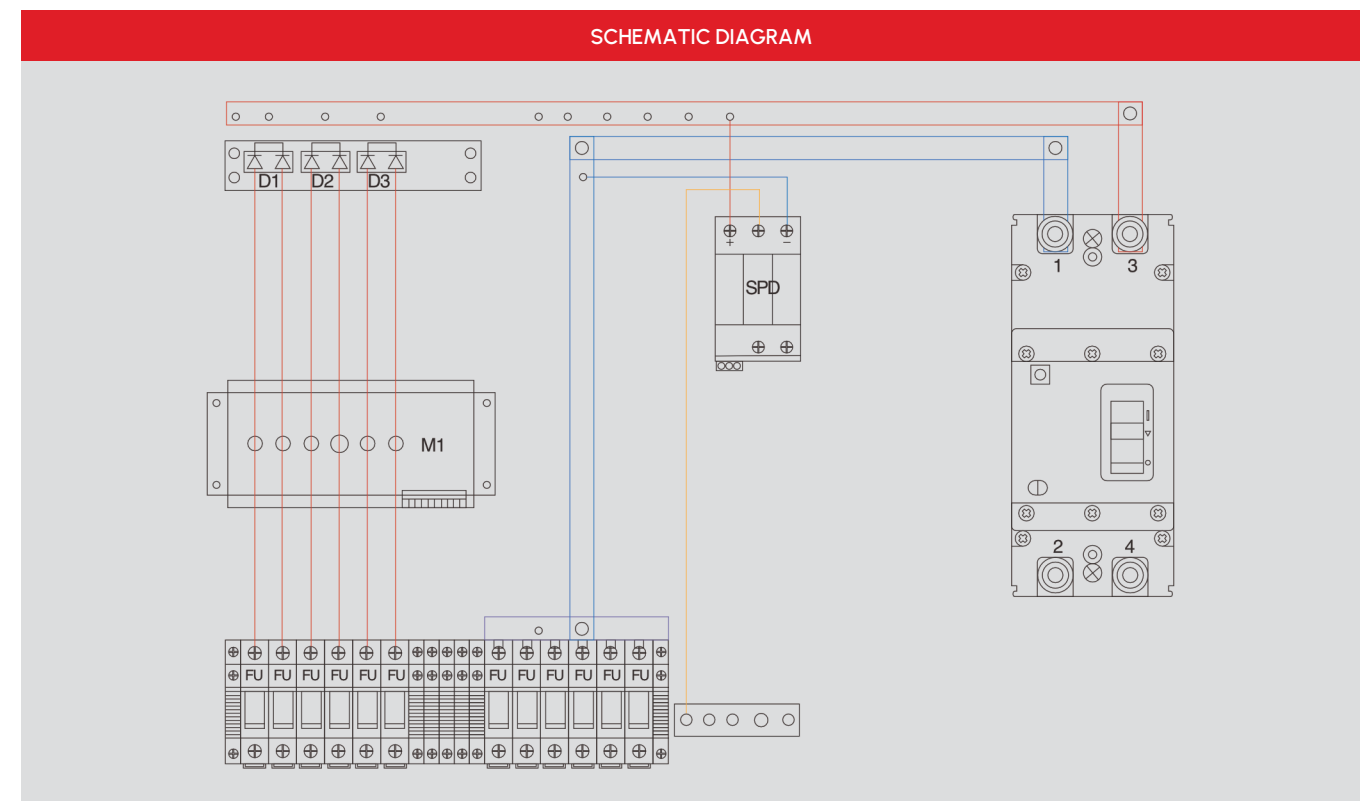
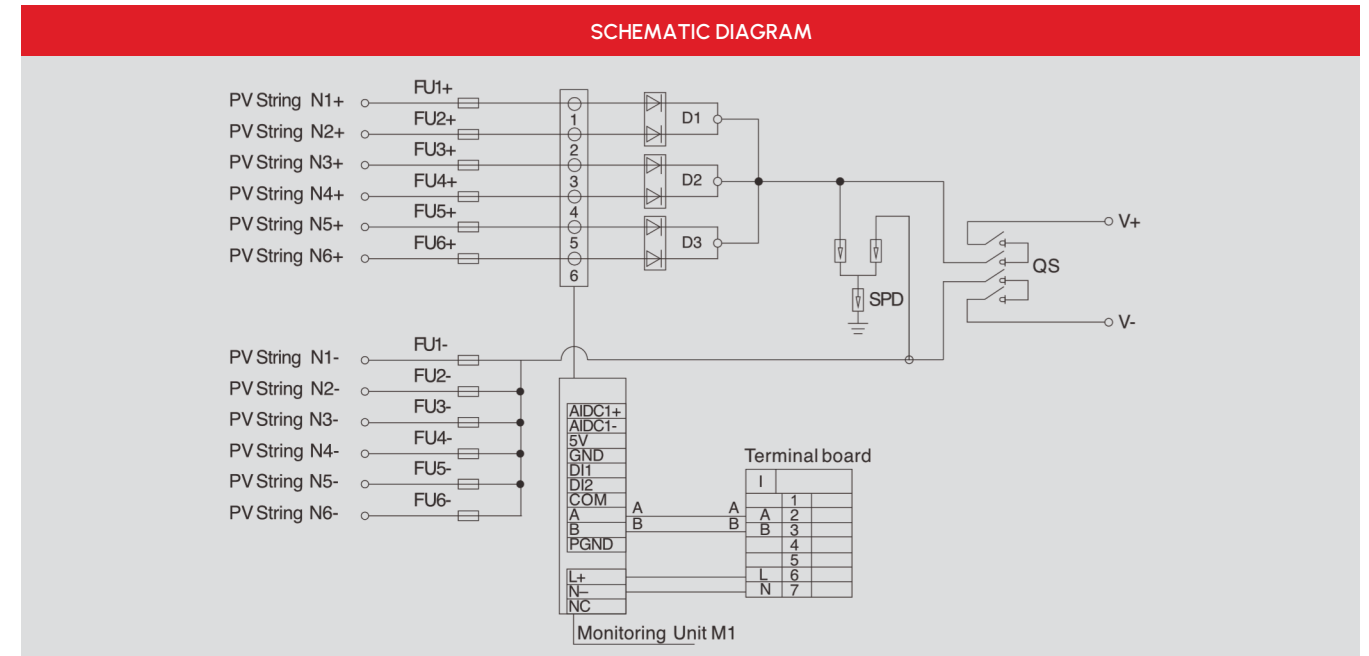
WOLTIFY MODEL	WHE CMB DC PV 6I 1O
Electric Parameter	
System maximum dc voltage	1000
Maximum input current for each string	15A
Maximum input strings	6
Maximum output switch current	80A/90A
Number of inverter MPPT	1
Number of Output strings	1
Lightning Protection	
Category Of Test	II grade protection
Nominal Discharge Current	20kA
Maximum Discharge Current	40kA
Voltage Protection Level	3.8kV
Maximum Continuous Operating Voltage U _c	1050V
Poles	3P
Structure Characteristic	Plug-push module
System	
Protection rating	IP65
Output switch	DC isolation switch (standard)/DC circuit breaker (optional)
SMC4 Waterproof Connectors	Standard
PV dc fuse	Standard
PV surge protector	Standard
Monitoring module	Optional
Preventing diode	Optional
Box material	PVC
Installation method	Wall-mounting type
Operating Temperature	-25°C~+55°C
Elevation of temperature	2km
Permissible relative humidity	0-95%, no condensation
Mechanical Parameter	
Width x High x Depth	440x400x180mm

DESCRIPTION

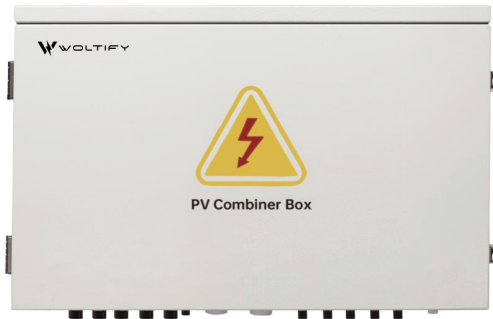
WHE CMB DC PV 6I 1O combiner combines DC input of 6 PV components to 1 output. Each channel is with a fuse. Output side is equipped with lightning protection and circuit breaker. It greatly simplify input wiring of DC power distribution cabinet and inverter. Realise lightning protection, short circuit protection and grounding protection. PV combiner box divided into two types: intelligent box and non-intelligent box. Intelligent PV combiner box is equipped with monitoring unit, detects input current of each string, and internal temperature, detect lightning protection status, detect circuit breaker status and summarise output voltage and so on.

Design and configuration strictly accordance with the "Technical specification for photovoltaic junction equipment". Provide users with a safe, brief, beautiful and applicable photovoltaic system products.

The product adopts outdoor wall mounted type, which adapt to the harsh environment. In addition to the core components, the other can be customised by user requirements.



WHE CMB DC PV 8I 1O 1000V COMBINER BOX



HIGH RELIABILITY

With DC FUSE, With DC Surge Protection Device, With DC circuit breaker or DC load isolation switch.

STRONG ADAPTABILITY

IP65 design, waterproof, anti dust and anti ultraviolet. Strict test for high and low temperature, used widely. The simple installation, the simplified system wiring, the convenient wiring. The box body is made of cold rolled steel and other metal materials.

FLEXIBLE CONFIGURATION

Used for single crystal silicon solar modules, polycrystalline silicon solar modules, thin film solar modules. Current rating of the photovoltaic fuse, circuit breaker, load isolation switch is modified.

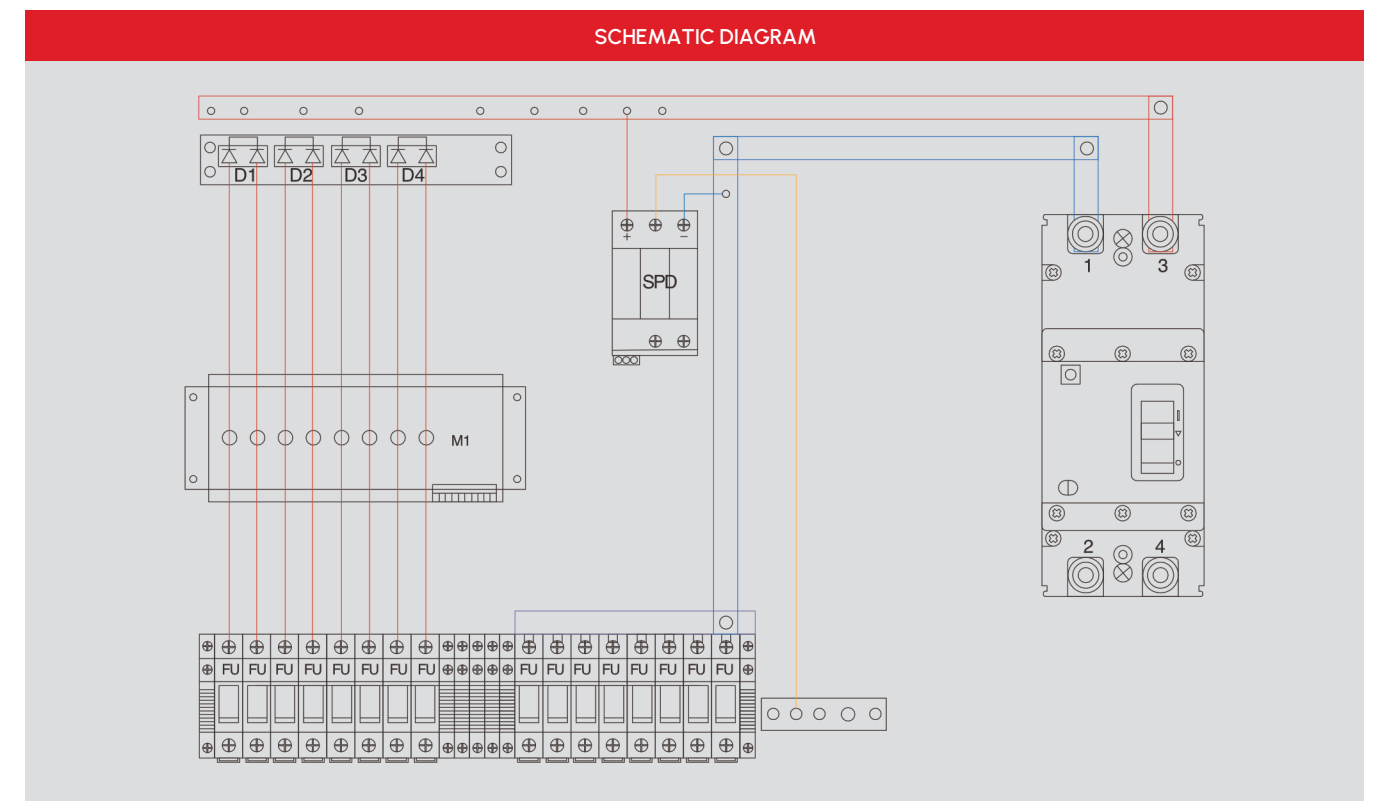
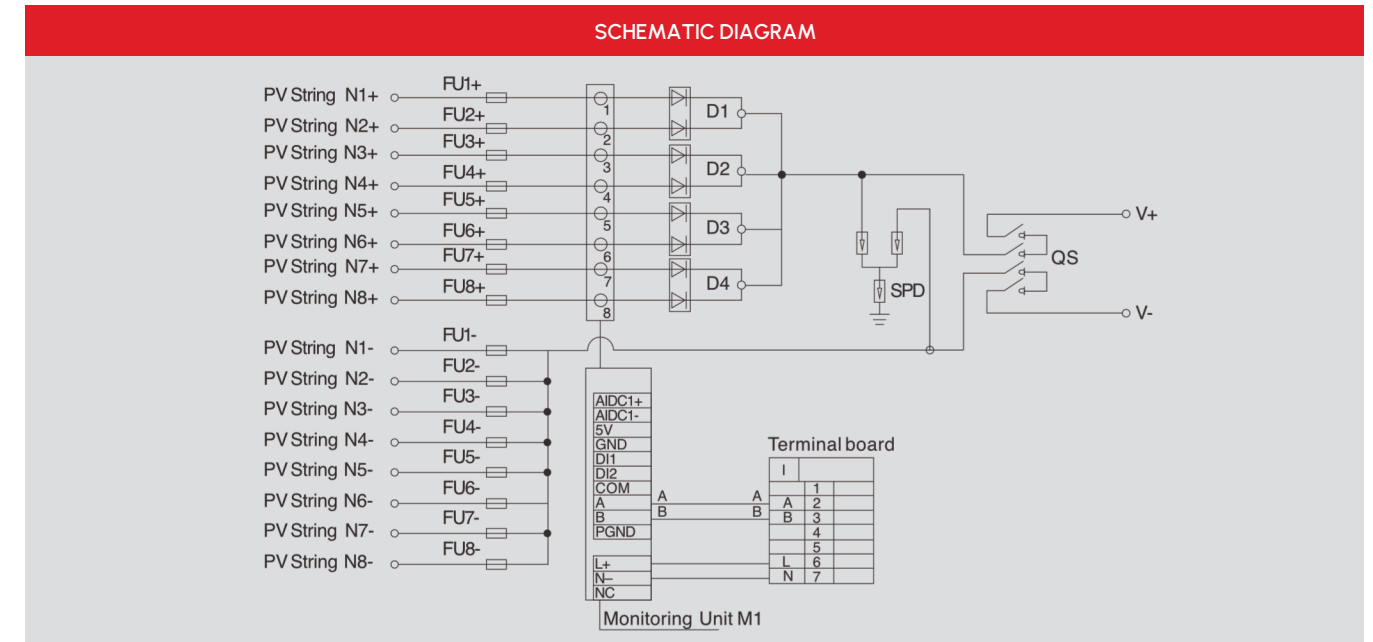
WOLTIFY MODEL	WHE CMB DC PV 8I 1O
Electric Parameter	
System maximum dc voltage	1000
Maximum input current for each string	15A
Maximum input strings	8
Maximum output switch current	125A
Number of inverter MPPT	1
Number of Output strings	1
Lightning Protection	
Category Of Test	II grade protection
Nominal Discharge Current	20kA
Maximum Discharge Current	40kA
Voltage Protection Level	38kV
Maximum Continuous Operating Voltage U _c	1050V
Poles	3P
Structure Characteristic	Plug-push module
System	
Protection rating	IP65
Output switch	DC isolation switch (standard)/DC circuit breaker (optional)
SMC4 Waterproof Connectors	Standard
PV dc fuse	Standard
PV surge protector	Standard
Monitoring module	Optional
Preventing diode	Optional
Box material	PVC
Installation method	Wall-mounting type
Operating Temperature	-25°C~+55°C
Elevation of temperature	2km
Permissible relative humidity	0-95%, no condensation
Mechanical Parameter	
Width x High x Depth	500x400x190mm

DESCRIPTION

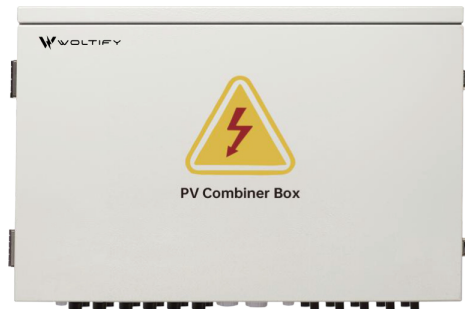
WHE CMB DC PV 8I 1O combiner box combines DC input of 8 PV components to 1 output. Each channel is with a fuse. Output side is equipped with lightning protection and circuit breaker. It greatly simplify input wiring of DC power distribution cabinet and inverter. Realise lightning protection, short circuit protection and grounding protection. PV combiner box divided into two types: intelligent box and non-intelligent box. Intelligent PV combiner box is equipped with monitoring unit, detects input current of each string, and internal temperature, detect lightning protection status, detect circuit breaker status and summarise output voltage and so on.

Design and configuration strictly accordance with the "Technical specification for photovoltaic junction equipment". Provide users with a safe, brief, beautiful and applicable photovoltaic system products.

The product adopts outdoor wall mounted type, which adapt to the harsh environment. In addition to the core components, the other can be customised by user requirements.



WHE CMB DC PV 12I 10 1000V COMBINER BOX



HIGH RELIABILITY

With DC FUSE, With DC Surge Protection Device, With DC circuit breaker or DC load isolation switch.

STRONG ADAPTABILITY

IP65 design, waterproof, anti dust and anti ultraviolet. Strict test for high and low temperature, used widely. The simple installation, the simplified system wiring, the convenient wiring. The box body is made of cold rolled steel and other metal materials.

FLEXIBLE CONFIGURATION

Used for single crystal silicon solar modules, polycrystalline silicon solar modules, thin film solar modules. Current rating of the photovoltaic fuse, circuit breaker, load isolation switch is modified.

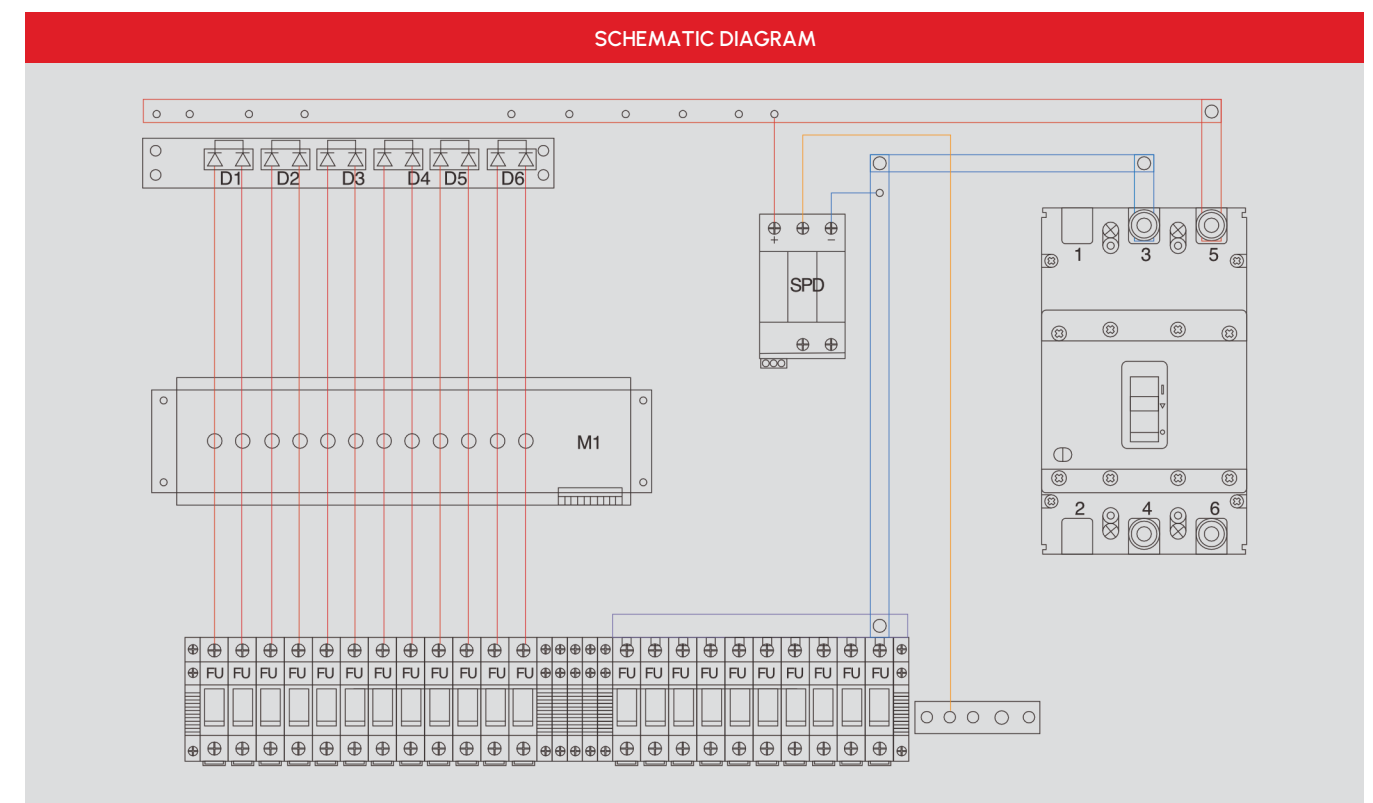
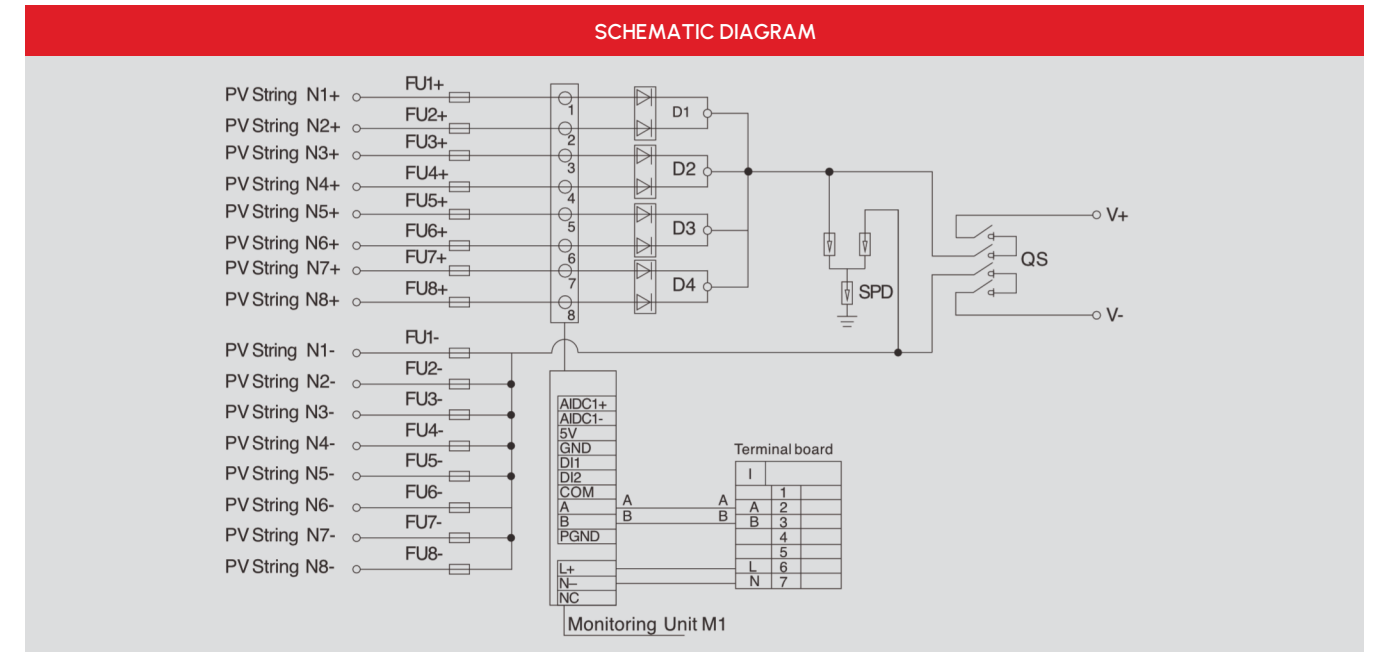
WOLTIFY MODEL	WHE CMB DC PV 12I 10
Electric Parameter	
System maximum dc voltage	1000
Maximum input current for each string	15A
Maximum input strings	12
Maximum output switch current	180A
Number of inverter MPPT	1
Number of Output strings	1
Lightning Protection	
Category Of Test	II grade protection
Nominal Discharge Current	20kA
Maximum Discharge Current	40kA
Voltage Protection Level	38kV
Maximum Continuous Operating Voltage U _c	1050V
Poles	3P
Structure Characteristic	Plug-push module
System	
Protection rating	IP65
Output switch	DC isolation switch (standard)/DC circuit breaker (optional)
SMC4 Waterproof Connectors	Standard
PV dc fuse	Standard
PV surge protector	Standard
Monitoring module	Optional
Preventing diode	Optional
Box material	PVC
Installation method	Wall-mounting type
Operating Temperature	-25°C~+55°C
Elevation of temperature	2km
Permissible relative humidity	0-95%, no condensation
Mechanical Parameter	
Width x High x Depth	640x450x180mm

DESCRIPTION

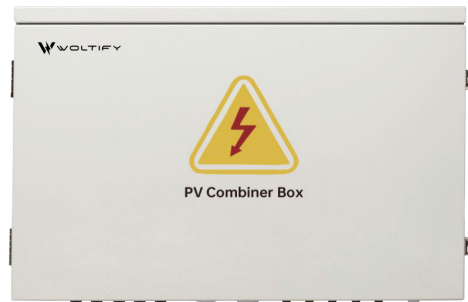
WHE CMB DC PV 12I 10 combiner box combines DC input of 12 PV components to 1 output. Each channel is with a fuse. Output side is equipped with lightning protection and circuit breaker. It greatly simplify input wiring of DC power distribution cabinet and inverter. Realise lightning protection, short circuit protection and grounding protection. PV combiner box divided into two types: intelligent box and non-intelligent box. Intelligent PV combiner box is equipped with monitoring unit, detects input current of each string, and internal temperature, detect lightning protection status, detect circuit breaker status and summarise output voltage and so on.

Design and configuration strictly accordance with the "Technical specification for photovoltaic junction equipment". Provide users with a safe, brief, beautiful and applicable photovoltaic system products.

The product adopts outdoor wall mounted type, which adapt to the harsh environment. In addition to the core components, the other can be customised by user requirements.



WHE CMB DC PV 16I 10 1000V COMBINER BOX



HIGH RELIABILITY

With DC FUSE, With DC Surge Protection Device, With DC circuit breaker or DC load isolation switch.

STRONG ADAPTABILITY

IP65 design, waterproof, anti dust and anti ultraviolet. Strict test for high and low temperature, used widely. The simple installation, the simplified system wiring, the convenient wiring. The box body is made of cold rolled steel and other metal materials.

FLEXIBLE CONFIGURATION

Used for single crystal silicon solar modules, polycrystalline silicon solar modules, thin film solar modules. Current rating of the photovoltaic fuse, circuit breaker, load isolation switch is modified.

WOLTIFY MODEL	WHE CMB DC PV 16I 10
Electric Parameter	
System maximum dc voltage	1000
Maximum input current for each string	15A
Maximum input strings	16
Maximum output switch current	240A
Number of inverter MPPT	1
Number of Output strings	1
Lightning Protection	
Category Of Test	II grade protection
Nominal Discharge Current	20kA
Maximum Discharge Current	40kA
Voltage Protection Level	3.8kV
Maximum Continuous Operating Voltage U _c	1050V
Poles	3P
Structure Characteristic	Plug-push module
System	
Protection rating	IP65
Output switch	DC isolation switch (standard)/DC circuit breaker (optional)
SMC4 Waterproof Connectors	Standard
PV dc fuse	Standard
PV surge protector	Standard
Monitoring module	Optional
Preventing diode	Optional
Box material	PVC
Installation method	Wall-mounting type
Operating Temperature	-25°C~+55°C
Elevation of temperature	2km
Permissible relative humidity	0-95%, no condensation
Mechanical Parameter	
Width x High x Depth	800x500x180mm

DESCRIPTION

WHE CMB DC PV 16I 10 combiner box combines DC input of 16 PV components to 1 output. Each channel is with a fuse. Output side is equipped with lightning protection and circuit breaker. It greatly simplify input wiring of DC power distribution cabinet and inverter. Realise lightning protection, short circuit protection and grounding protection. PV combiner box divided into two types: intelligent box and non-intelligent box. Intelligent PV combiner box is equipped with monitoring unit, detects input current of each string, and internal temperature, detect lightning protection status, detect circuit breaker status and summarise output voltage and so on.

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The product adopts outdoor wall mounted type, which adapt to the harsh environment. In addition to the core components, the other can be customised by user requirements.

