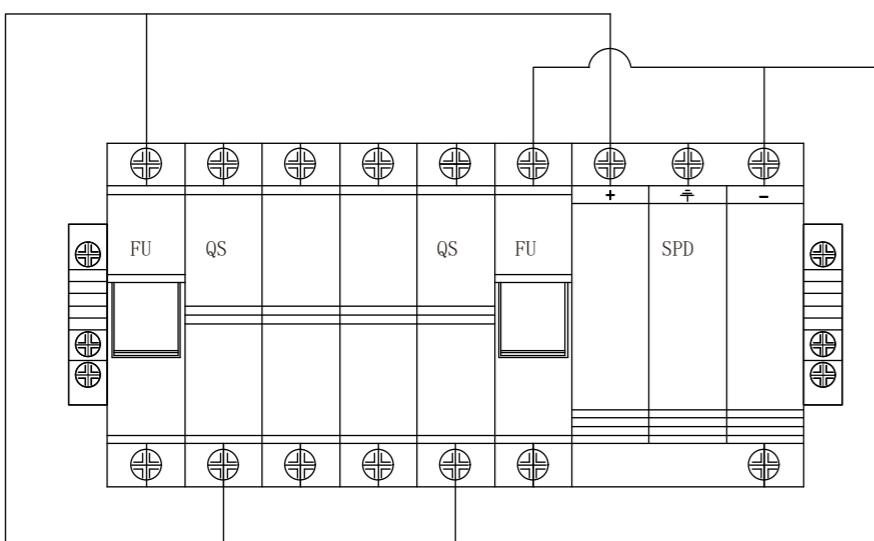


MG-PV1/1 DC COMBINER BOX

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 ABS and transparent door made of PC.
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.



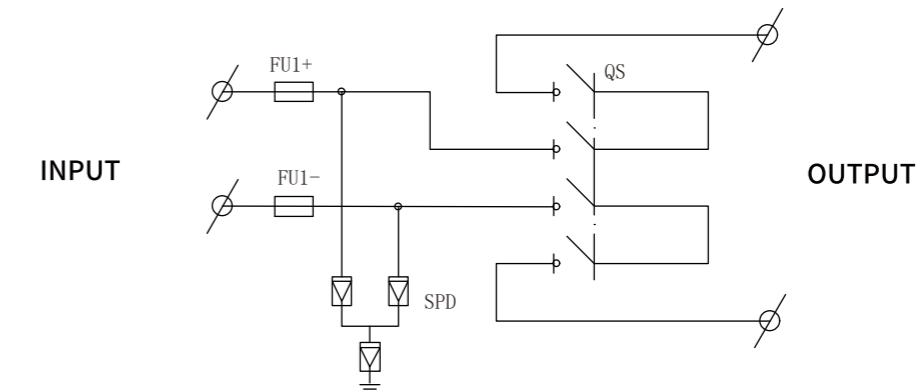
DESCRIPTION

MG PV1/1 combiner box is suitable for inverter (MAX input voltage DC500V/DC1000V, 1 PV input channel, 1 output channel, single inverter), Box body is made of PVC engineering materials, with test for fire retardant, temperature rise, anti impact, anti ultraviolet, and other testing. IP65 protection grade.

TECHNICAL PARAMETERS

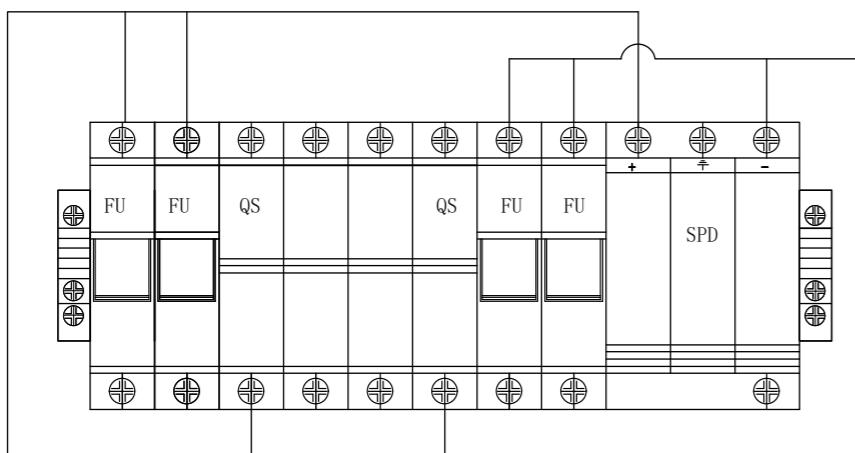
Name	MG-PV1/1	
	Electric parameter	
System maximum dc voltage	500	1000
Maximum input current for each string	15A	
Maximum input strings	1	
Maximum output switch current	16A/20A	
Number of Output strings	1	
Lightning protection		
Category of test	II grade protection	
Nominal discharge current	20KA	
Maximum discharge current	40KA	
Voltage protection level Up	2.8KV	3.8KV
Maximum continuous operating voltage Uc	630V	1050V
Poles	2P	3P
Structure characteristic	Plug-push module	
System	IP65	
Protection grade	DC isolation switch(standard)/DC circuit breaker(optional)	
Output switch	SMC4 Waterproof Connectors	
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	2000M	
Permissible relative humidity	0-95%, no condensation	

SCHEMATIC DIAGRAM



MG-PV2/1 DC 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 ABS and transparent door made of PC.
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.



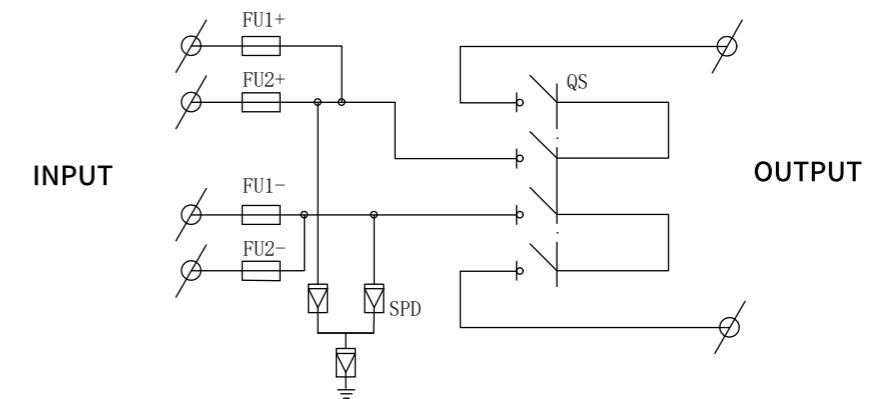
DESCRIPTION

MG-PV2/1combiner box is suitable for inverter(MA input voltage DC500V/DC1000V, 2 PV input channel, 1 output channel, single inverter)Box body is made of PVC engineering materials, with test for fire retardant,temperature rise, anti impact,anti ultraviolet, and other testing. IP65 protection grade.

TECHNICAL PARAMETERS

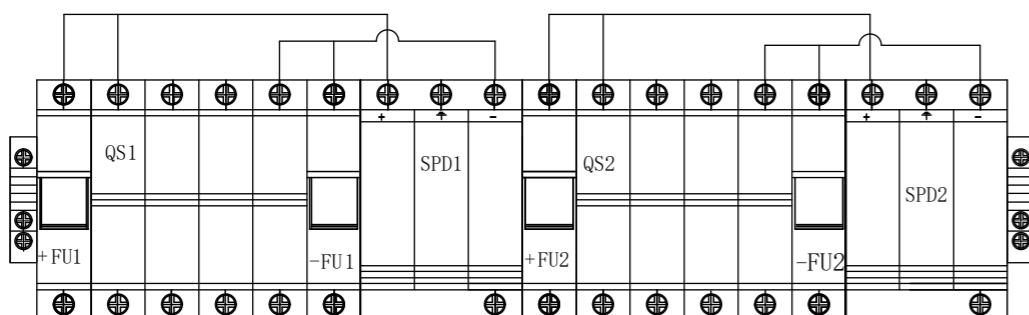
Name	MG-PV2/1	
	Electric parameter	
System maximum dc voltage	500	1000
Maximum input current for each string	15A	
Maximum input strings	2	
Maximum output switch current	20A/32A	
Number of Output strings	1	
Category of test	Lightning protection	
Nominal discharge current	II grade protection	
Maximum discharge current	20KA	
Voltage protection level Up	40KA	
Maximum continuous operating voltage Uc	2.8KV	3.8KV
Poles	630V	1050V
Structure characteristic	2P	3P
	Plug-push module	
	System	
Protection grade	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	2000M	
Permissible relative humidity	0-95%, no condensation	

SCHEMATIC DIAGRAM



MG-PV2/2 DC 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 ABS and transparent door made of PC.
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.



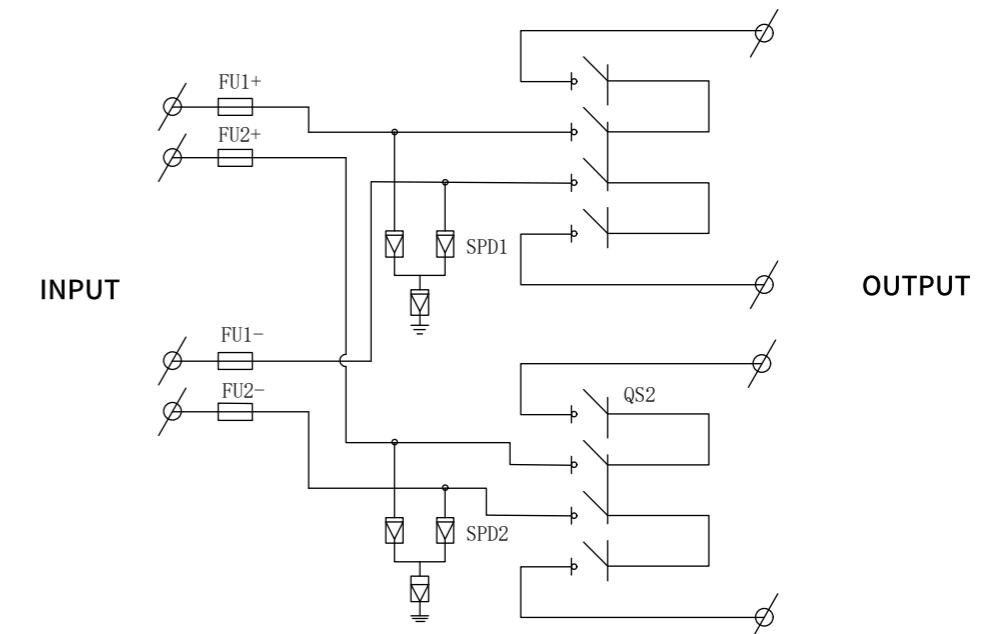
DESCRIPTION

MG-PV2/2combiner box is suitable for inverter(MA input voltage DC500V/DC1000V, 2 PV input channel, 2 output channel, single inverter) Box body is made of PVC engineering materials, with test for fire retardant,temperature rise, anti impact,anti ultraviolet, and other testing. IP65 protection grade.

TECHNICAL PARAMETERS

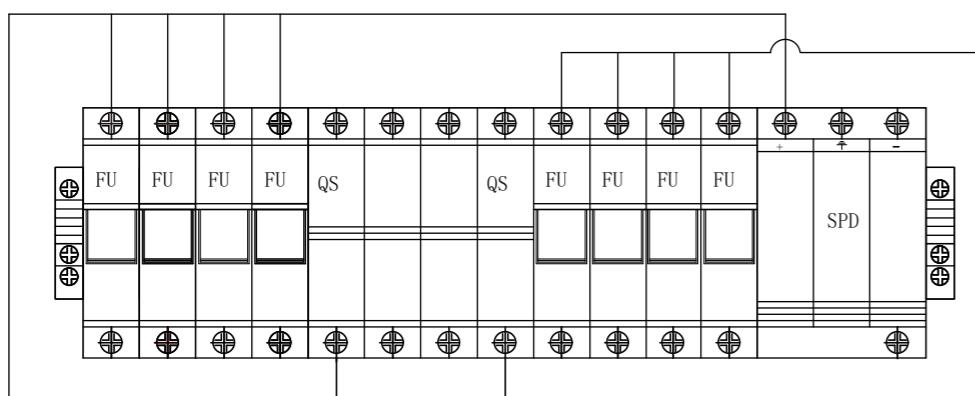
Name	MG-PV2/2	
	Electric parameter	
System maximum dc voltage	500	1000
Maximum input current for each string	15A	
Maximum input strings	2	
Maximum output switch current	16A/20 A	
Number of Output strings	2	
	Lightning protection	
Category of test	II grade protection	
Nominal discharge current	20KA	
Maximum discharge current	40KA	
Voltage protection level Up	2.8KV	3.8KV
Maximum continuous operating voltage Uc	630V	1050V
Poles	2P	3P
Structure characteristic	Plug-push module	
	System	
Protection grade	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	2000M	
Permissible relative humidity	0-95%, no condensation	

SCHEMATIC DIAGRAM



MG-PV4/1 DC 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 ABS and transparent door made of PC.
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.



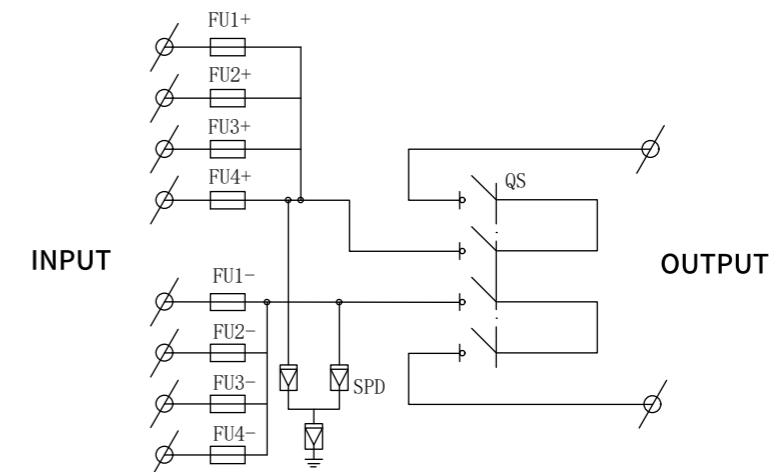
DESCRIPTION

MG-PV4/1 combiner box is suitable for inverter(MAX input voltage DC 500V/DC 1000V.4PV input channel, 1 output channel, single inverter).Box body is made of PVC engineering materials, with test for fire retardant, temperature rise, anti impact, anti ultraviolet, and other testing. IP65 protection grade.

TECHNICAL PARAMETERS

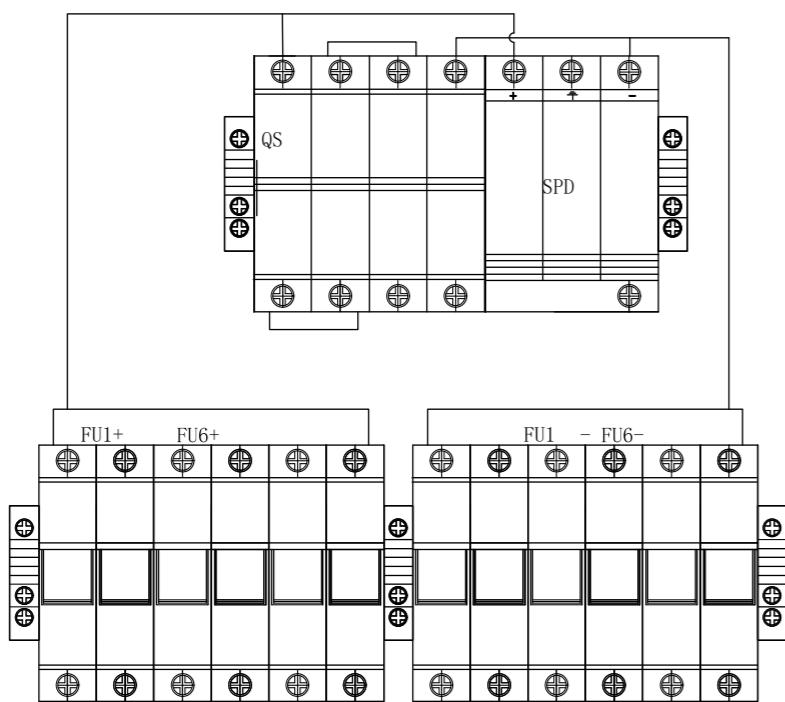
Name	MG-PV4/1	
	Electric parameter	
System maximum dc voltage	500	1000
Maximum input current for each string	15A	
Maximum input strings	4	
Maximum output switch current	40A/63A	
Number of Output strings	1	
Category of test	Lightning protection	
Nominal discharge current	20KA	
Maximum discharge current	40KA	
Voltage protection level Up	2.8KV	3.8KV
Maximum continuous operating voltage Uc	630V	1050V
Poles	2P	3P
Structure characteristic	Plug-push module	
Protection grade	System	
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	2000M	
Permissible relative humidity	0-95%, no condensation	

SCHEMATIC DIAGRAM



MG-PV6/1 DC 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 ABS and transparent door made of PC.
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.



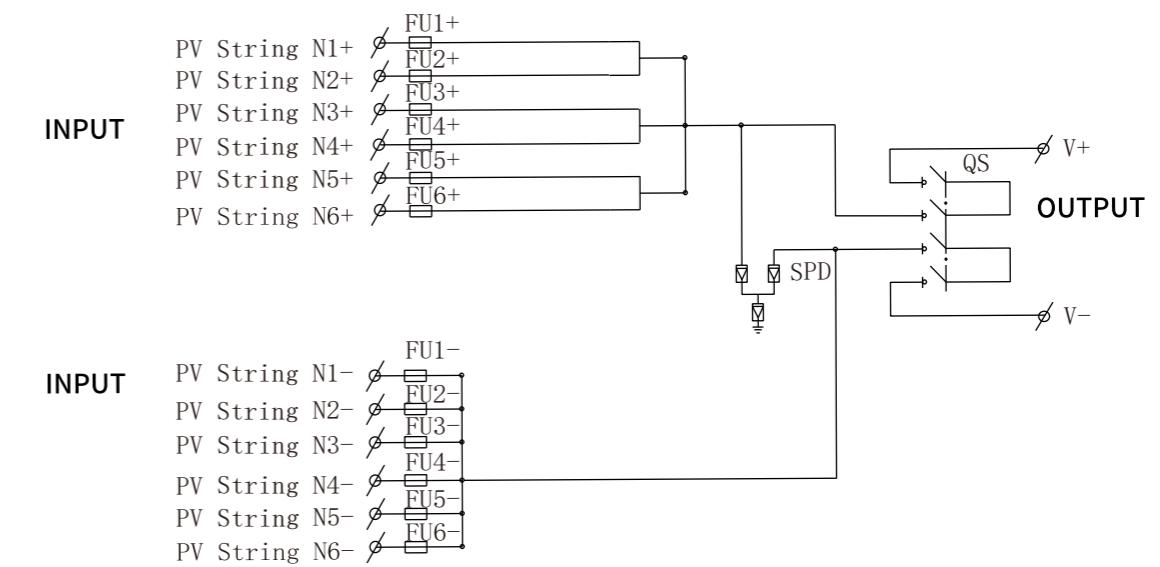
DESCRIPTION

MG-PV6/1 combiner box is suitable for inverter(MAX input voltage DC 1000V.4PV input channel, 1 output channel, single inverter). Box body is made of PVC engineering materials, with test for fire retardant, temperature rise, anti impact, anti ultraviolet, and other testing. IP65 protection grade.

TECHNICAL PARAMETERS

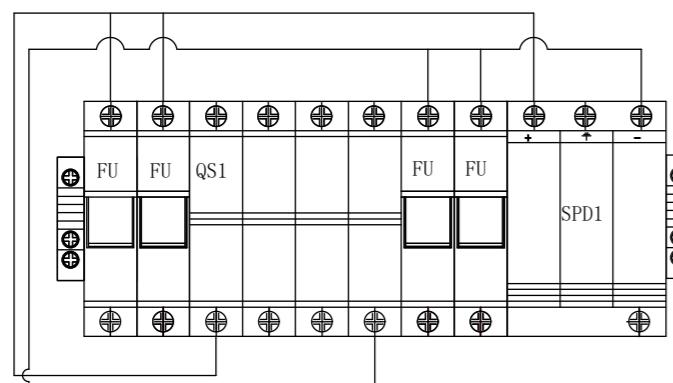
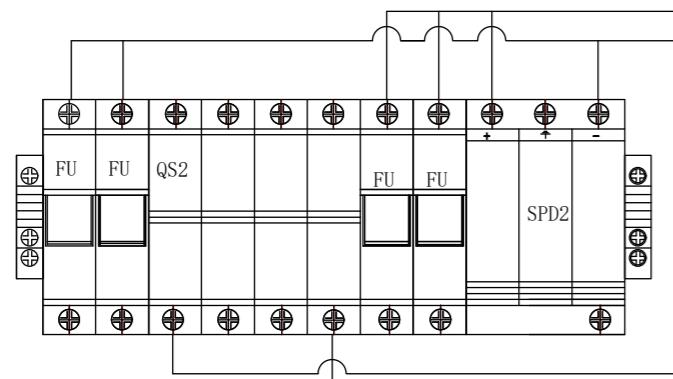
Name	MG-PV6/1
Electric parameter	
System maximum dc voltage	1000
Maximum input current for each string	15A
Maximum input strings	6
Maximum output switch current	63A
Number of Output strings	1
Lightning protection	
Category of test	II grade protection
Nominal discharge current	20KA
Maximum discharge current	40KA
Voltage protection level Up	3.8KV
Maximum continuous operating voltage Uc	1050V
Poles	3P
Structure characteristic	Plug-push module
System	
Protection grade	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	Metal
Installation method	Wall mounting type
Operating temperature	-25°C~+55°C
Elevation of temperature	2000M
Permissible relative humidity	0-95%, no condensation

SCHEMATIC DIAGRAM



MG-PV4/2 DC 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 ABS and transparent door made of PC.
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.



DESCRIPTION

MG-PV4/2 combiner box is suitable for inverter (MAX input voltage DC500V/DC1000v,4 PV input channel,2 output channel,double inverter). Box body is made of PVC engineering materials.with test for fire retardant, temperature rise, anti impact,anti ultraviolet, and other testing. IP65 protection grade

TECHNICAL PARAMETERS

Name	MG-PV4/2	
Electric parameter	500	1000
System maximum dc voltage	500	1000
Maximum input current for each string	15A	
Maximum input strings	4	
Maximum output switch current	20A/32A	
Number of Output strings	2	
Lightning protection		
Category of test	II grade protection	
Nominal discharge current	20KA	
Maximum discharge current	40KA	
Voltage protection level Up	2.8KV	3.8KV
Maximum continuous operating voltage Uc	630V	1050V
Poles	2P	3P
Structure characteristic	Plug-push module	
System		
Protection grade	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	2000M	
Permissible relative humidity	0-95%, no condensation	

SCHEMATIC DIAGRAM

