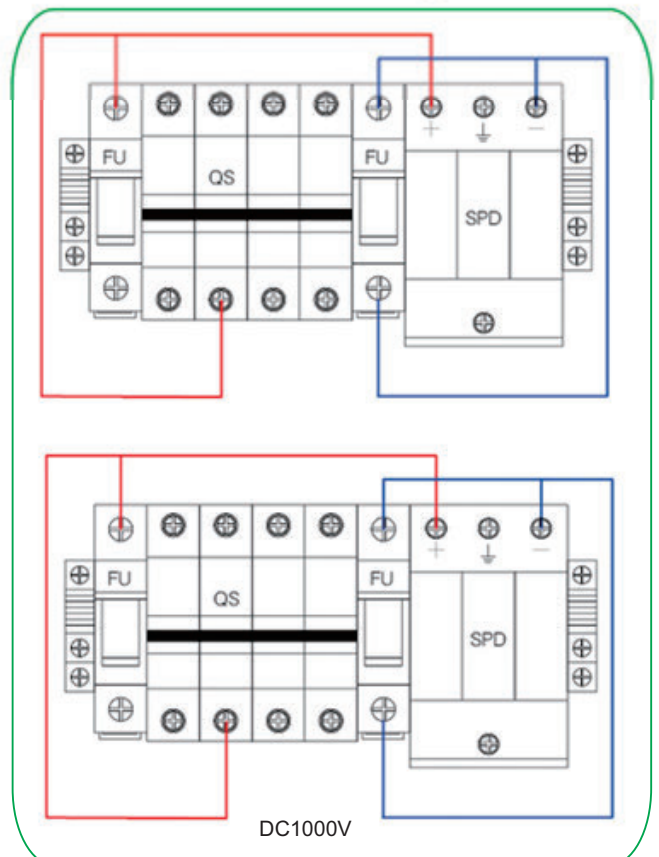
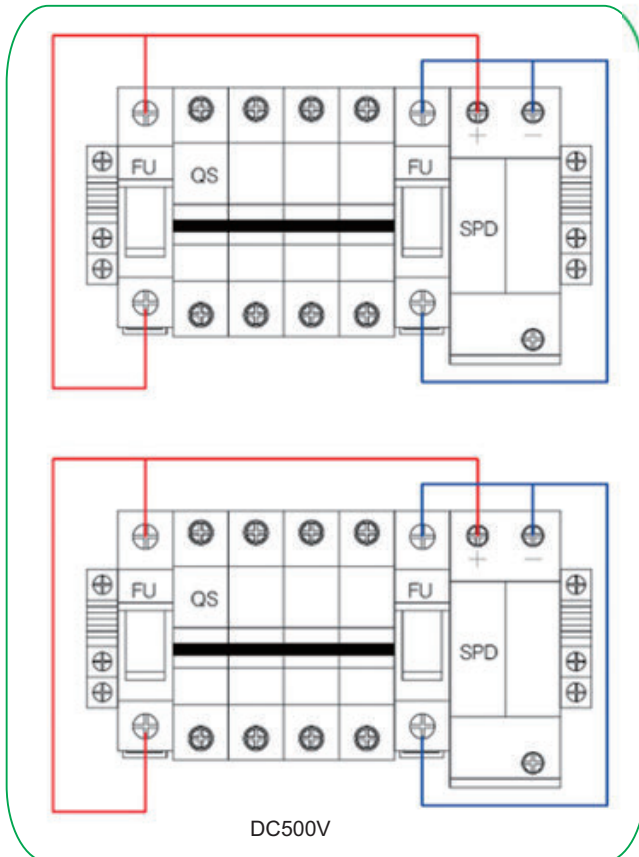
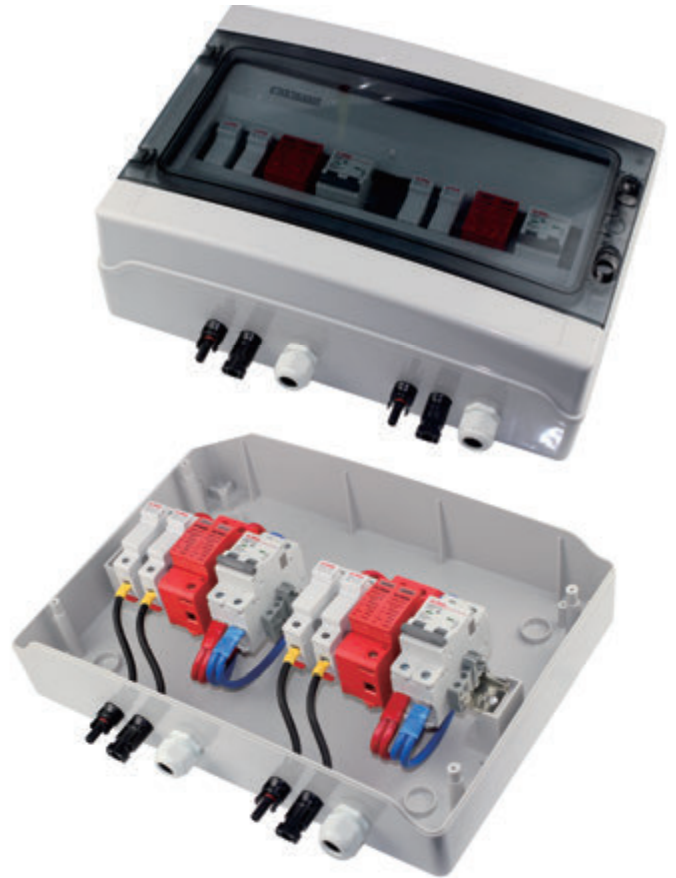


HRPV-2/2 DC combiner box

- 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 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.



HRPV-2/2 DC combiner box is suitable for inverter (max input volt DC550V/DC1000V, 2 PV input channel,2 output channel,single MPPT 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.

HRPV-2/2 DC combiner box

Technical Specification of PV Combiner Box

Name	HRPV-2/2	
Electric parameter		
DC input		
System Max DC Volt	550V	1000V
Max input amp for each string	15A	
Max input strings	2	
Max output switch current	32A	
Number of inverter MPPT	2	
Number of output strings	2	
Lighting protection		
category of test	II grade protection	
Nominal discharge current	20KA	
Max discharge current	40KA	
Volt protection level	2.8KV	3.8KV
Max continuous operation volt Uc	630V	1050V
Poles	2P	3P
structure characteristic	plug push module	
system		
Protection grade	IP65	
Output switch	DC circuit breaker/DC isolation switch(optional)	
MC4 connector	standard	
PV DC fuse	DC1000V 15A(20A)	
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	
Environment Humidity	0~99%	
Installation: indoors/outdoors	Ip65 electronics	
mechanical parameter		
wid×high×Depth(mm)	410×285×140	

SCHEMATIC DIAGRAM:

