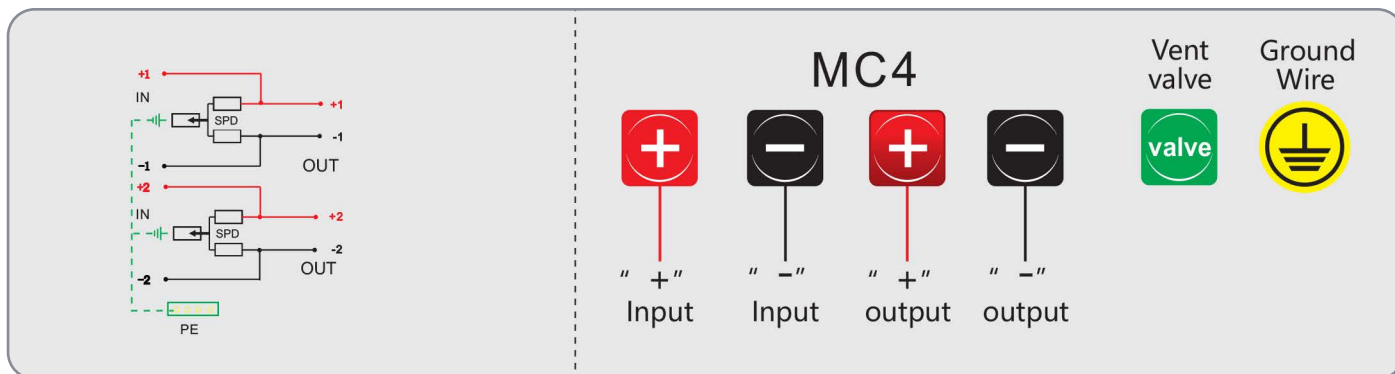


## WIRING METHOD



- 1.The AC Distribution box is suitable for grid-connected power generation system.
- 2.It is configured with dedicated high-voltage lightning arrester, AC fuse and circuit breaker to provide short circuit fault protection and lightning protection.
- 3.It has protection function of over voltage and over current to avoid damage when the fault occurs.
- 4.It is also used to reduce the connection and optimize the electric system structure, improve the reliability and maintainability of the system, make the electric system as its best.
- 5.IP65 design, waterproof, anti dust and anti-UV protection.
- 6.Strict test for high and low temperature.
- 7.The simple installation, the simplified system wiring, the convenient wiring.

## INSTRUCTION:

1. Box input: Connect the panel connectors (module output and combiner input). make sure the negative wire of module output connected to the blue area(as instructed); the positive wire of module output connected to the red area(as the picture instructed).
2. Box Output: Connect PV wires to the output terminals of DC circuit breaker(both "+" and "-"; as the picture instructed), connect the ground wire to the ground terminal of DC arrester. All the output wires separately pass through the cable glands, make sure all the cable glands properly tightend.

### Notice:

1. All connections must be carried out under the state of power failure.
  2. Let the professional electrical engineer carry on connecting line.
  3. The flammable and explosive are forbidden in the installing concourse.
- WARRANTY&SERVICE**  
Standard Combiner Boxes come with 1 years warranty, except on the consumables such as fuses. If you have any questions, feel free to contact us.

## TECHNICAL SPECIFICATION

Product name	AC Combiner Box
Type Code	ELE-WK-DC-2S-T2
Rated Voltage	1000V
Operation Current	30A
Input	2Strings
Output	2Strings
Temperature Range	-25 °C~+60 °C
Protection Level	Ip65
Enclosure Material	HA
DC SPD	3P 20-40KA 1000Vdc