



SOLAR COMBINER BOX

2 IN 1 OUT DC 600V/1000V

Application ■

PV String DC Combiner Boxes are key components in the solar power systems, which are placed between solar modules and the inverters.

Specifications ■

Solar PV DC 2 in 1 out Combiner Box

Rated voltage of photovoltaic system	DC 600V&1000V	Max input amp for each string	15A
Input strings	2	Number of output strings	1

Waterproof grade ip65/ Lighting protection

Category of test	II grade protection	Nominal discharge amp	20KA
Max discharge amp	40KA	Volt protection level	3.5KV
SPD Max operation voltage	DC 600V&1000V	Poles	2P/3P
Structure characteristic	Plug push module		

System

Protection grade	Ip65	Output switch	DC circuit breaker & DC isolation switch
Solar connector	Standard	Box material	PVC
Installation method	Wall mounting type	Operating temperature	-25°C-+60°C
Installation: indoors/outdoors	Yes		

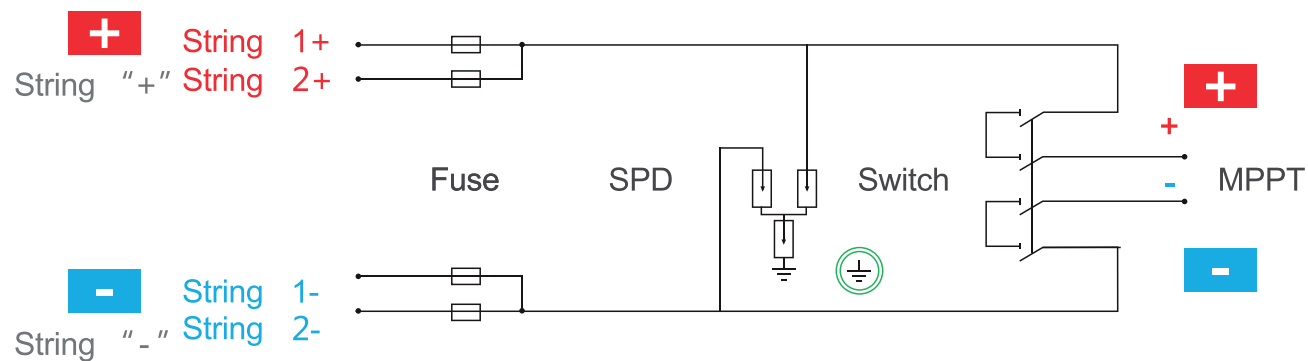
Mechanical parameter

Width*high*Depth(mm)	200*155*95 ■ 255*200*115
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Features ■

- Very high impact resistance
- Easy machining with normal tools
- IP65
- Wide operation temperature range
- Fire Resistance
- Non-conductive
- Good resistance to chemical corrosion
- Light weight
- Excellent insulating properties
- Cost-effective material for harsh environments

Wiring Diagram ■



Field of application