

Introduction

- High reliability
With DC1000V FUSE 15A 2pcs
With DC600V Surge Protector 2P 1pcs
With DC600V Circuit Breaker 2P 1pcs
With AC275V Surge Protector 2P 1pcs
With AC400V Circuit Breaker 2P 1pcs

- Application
YTPV1-1 combiner box is suitable for inverter(MAX input voltage DC 600V, 1PV input channel 1 output channel, 1MPPT) , AC Part MAX current is 63A. DC+ AC box new design, small size, simple installation Provide users with a safe, brief, beautiful and applicable photovoltaic system products.



This product is compliant to CE / DIN EN 61439

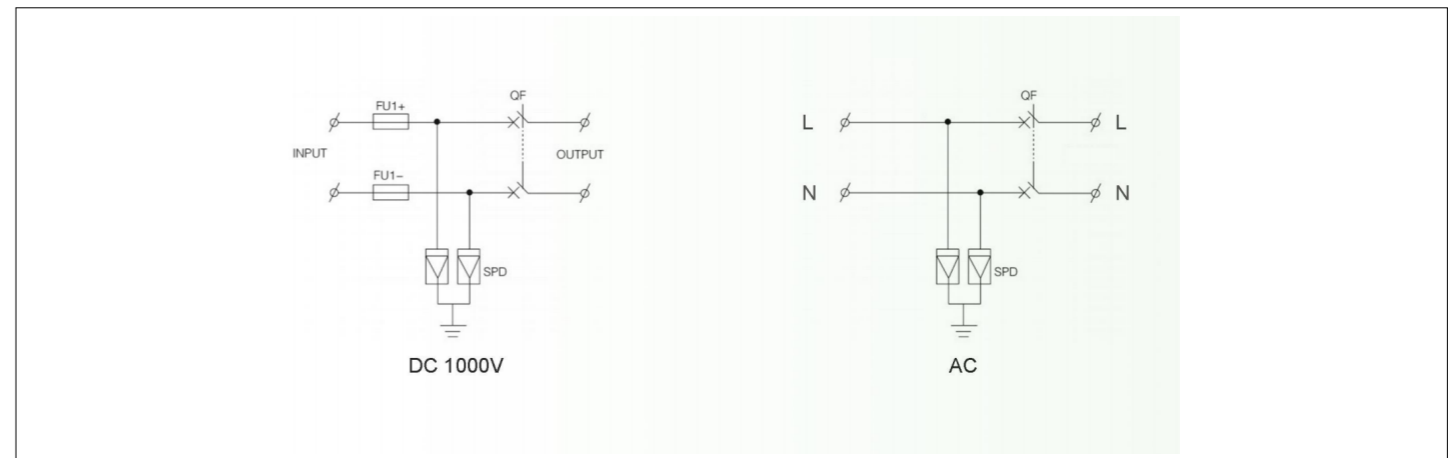
Specifications

YTPV1-1 Solar PV DC+AC 1 in 1 out Combiner Box	
Rated voltage of photovoltaic system	DC 600V
Max input amp for each string	15A(changeable)
Input strings	1
Number of output strings	1
Inverter	1.5-30kW
DC System	
DC Fuse	1P 15A
DC MCB	2P 63A
DC SPD	2P 600V 20-40kA
DC SPD Max discharge current	40KA
AC System(Single Phase)	
AC MCB	2P 63A
AC SPD	2P 275V 20-40kA
System	
Protection grade	IP65
Cable size of output terminals	4~6 mm ²
Cable size of PE-terminal	2.5~4 mm ²
Solar connector	Optional
Box material	PVC
Installation method	Wall mounting type
Operating temperature	-25°C~+60°C
Installation: indoors/outdoors	Yes
Mechanical parameter	
Width*high*Depth(mm)	300*260*140

Features

1. Very high impact resistance
2. Easy machining with normal tools
3. IP65
4. Wide operation temperature range
5. Fire Resistance
6. Non-conductive
7. Good resistance to chemical corrosion
8. Light weight
9. Excellent insulating properties
10. Cost-effective material for harsh environments

Wiring Diagram



Accessories and package

