



Product Description

Multifit Exchange confluence box It is suitable for the AC output of 1~50KW PV string inverter. According to the capacity of the inverter, the current level of the circuit breaker can be modified.

Multifit Use photovoltaic special AC surge protector, moreover The photovoltaic special AC circuit breaker is used, and the rated voltage can reach AC690V.

Product Features

Strong Adaptability

Also we Can be customized according to your needs

- IP65 protection, waterproof, dustproof and UV resistant
- Strict high and low temperature test, suitable for a wide area
- The installation is simple, the system wiring is simplified, and the wiring is convenient.
- The box is made of metal materials such as cold rolled steel

Technical Parameters

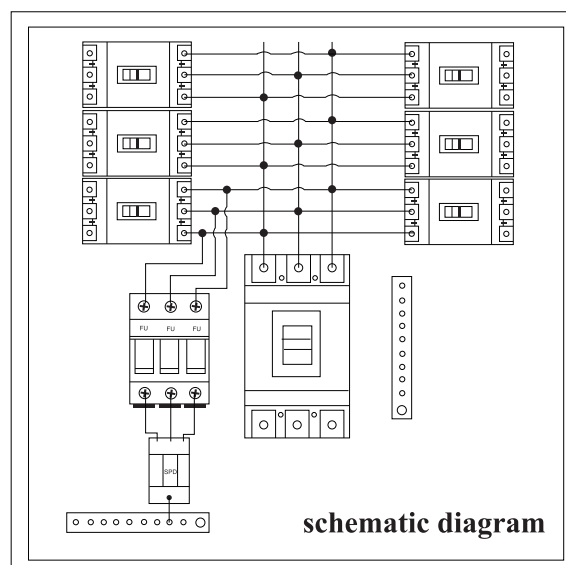
Maximum input voltage: AC690V

Input current per channel: 0~100A

Un Rated working voltage Un: 480VAC

Up Voltage protection level Up: $\leq 3.2kV$

Exchange confluence box



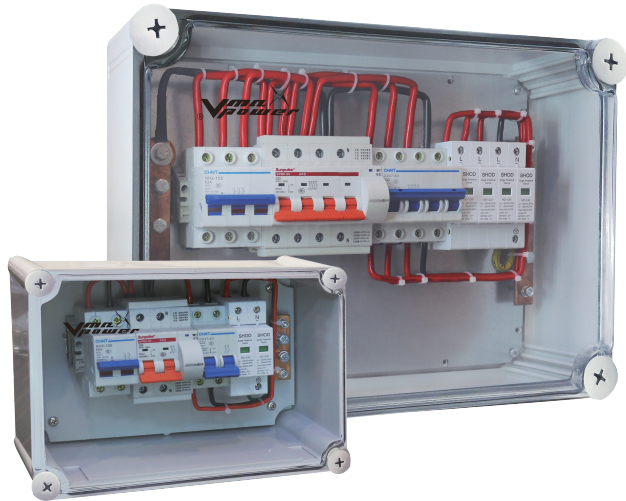
Flow capacity I_{max} (8/20): 20~40kA

Response time: $< 25ns$

Input and output switch: breaker

Surge protector: Standard

Model	MUL-1004	MUL-1006	MUL-1008	MUL-1010	MUL-1012	MUL-1016
Number of input channels	4	6	8	10	12	16
Highest output current	250A	400A	630A	800A	1000A	1250A
Temperature and humidity	Operating temperature: $-40^{\circ}C \sim +85^{\circ}C$ Humidity 95%,no condensation, no corrosive gas					
Box material	Hot-dip galvanized steel sheet / stainless steel / cold rolled steel sheet / engineering plastic					
Box protection level	IP65					
Cable connector protection rating	IP66					



Photovoltaic grid connection box

Use environment

- Ambient temperature: $-25^{\circ}\text{C} \sim 40^{\circ}\text{C}$
- Air relative humidity: daily average of not more than 90%, the monthly average of not more than 90%

Technical Parameters

	Model	MUL - 220V	MUL - 380V
Performance parameters	Rate voltage	220 V	380 V
	Rate power	3-5KW	5-10 KW
	Rated frequency	50 Hz	50 Hz
	Rated current	≤ 630 A	≤ 630 A
	Miniature circuit breaker		●
	Surge protector		●
	Auto reclosing breaker		●
Protective function	Over current protection		●
	Over / low voltage protection		●
	Over / underfrequency protection		●
	Leakage protection		●
	Anti - reflux protection		○
	Anti - islanding protection		●
	Lightning Protection		●
	material of the box	Metal / Plastics	
	Protection class	IP54 / IP65	

Product Description

MUL-220/MUL-380 series photovoltaic grid-connected box is a kind of outdoor integrated power distribution device integrating metering, outlet, reactive power compensation, etc. It has the functions of short circuit, overload, over voltage and leakage protection.

Suitable for small photovoltaic power stations

Also we Can be customized according to your needs

- Small size appearance, Beautiful, economical and practical
- Function, protection level: IP54 / IP65
- The installation is simple, the system wiring is simplified, and the wiring is convenient.

- Altitude: not more than 2000M

- Installed in the place without severe vibration and shock, no corrosive gas.



MULTIFIT

Sunshine for you Multifit to all

