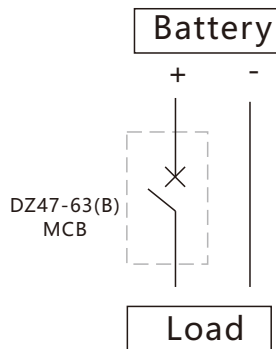
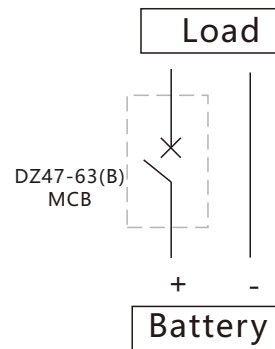


# Wiring

## 1P



Type1  
Top power  
Bottom load



Type2  
Bottom power  
Top load

1P:

Positive(+) pole: battery->circuit breaker->load devices

Negative(-) pole: direct to load devices, not through circuit breaker

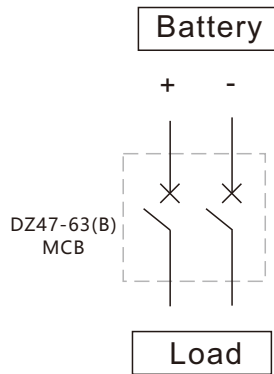
**Protect poles: positive(+) pole only**

Type1: top power, bottom load

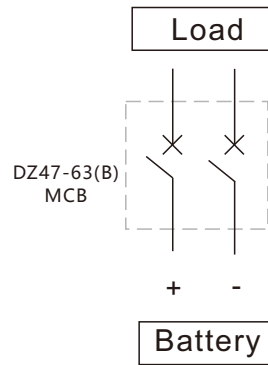
Type2: bottom power, top load

# 2P

left +  
right -

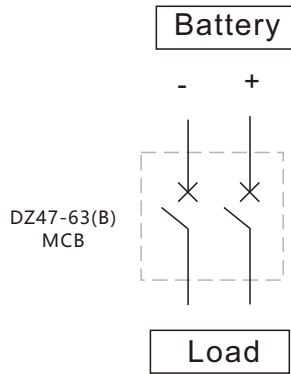


Type1  
Top power  
Bottom load

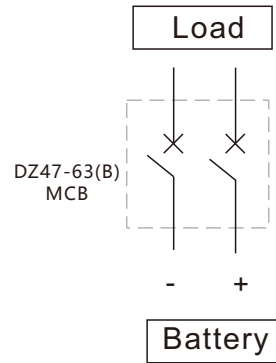


Type2  
Bottom power  
Top load

left -  
right +



Type1  
Top power  
Bottom load



Type2  
Bottom power  
Top load

2P:

Positive(+) pole: battery->circuit breaker->load devices

Negative(-) pole: battery->circuit breaker->load devices

Protect poles: both positive(+) pole and negative(-) pole

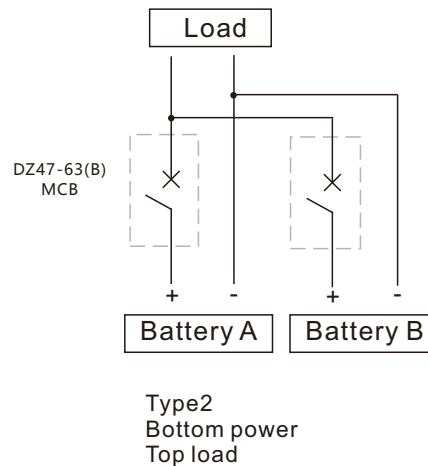
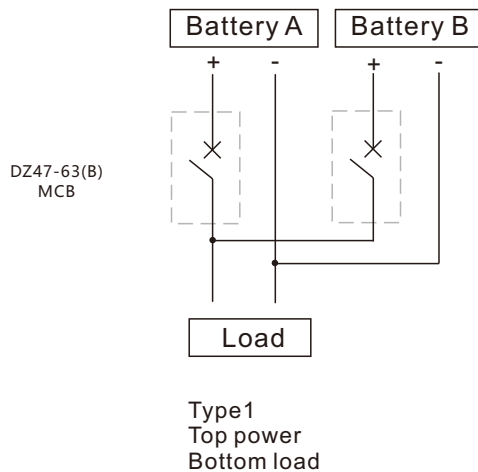
Type1: top power, bottom load

Type2: bottom power, top load

2P is most recommend!

# Expand

## 1P-1P



1P-1P(MTS **Manal dual power transfer switch**):

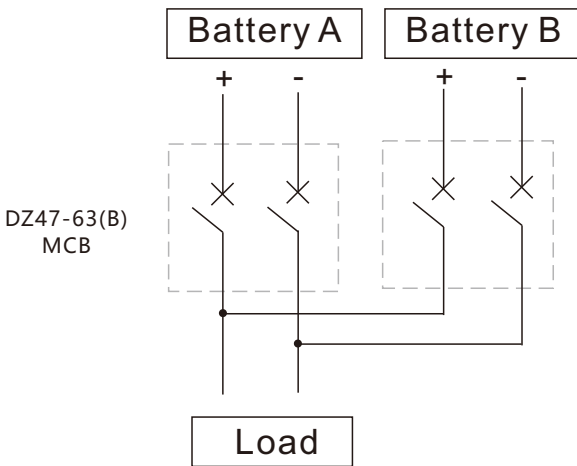
Main used for two power(two battery)(one normally power, one backup power) supply power circuit, with inner lock structure, when power B turn on, power A will cut off, can make sure two power will not supply power at same time

**Protect poles: positive(+) pole only**

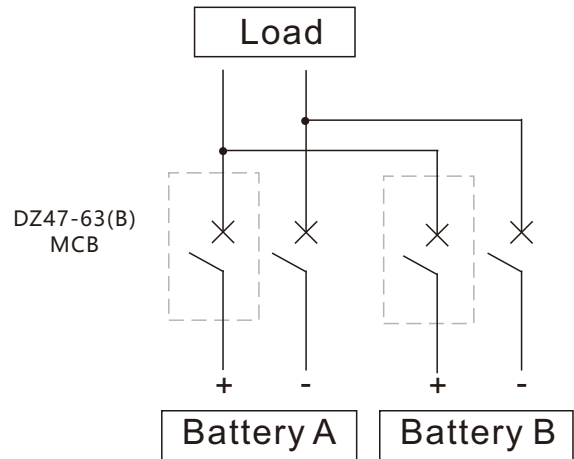
Type1: top power, bottom load

Type2: bottom power, top load

# 2P-2P



Type1  
Top power  
Bottom load



Type2  
Bottom power  
Top load

1P-1P(MTS **Manal dual power transfer switch**):

Main used for two power(two battery)(one normally power, one backup power) supply power circuit, with inner lock structure, when power B supply power, power A will cut off, can make sure two power will not supply power at same time

**Protect poles: both positive(+) pole and nagtive(-) pole**

Type1: top power, bottom load

Type2: bottom power, top load

Can exchange "+" and "-": left "+" right "-" or left "-" right "+"