

# **The installation instruction of B4 battery cabinet**

## Contents

I. Summarize.....	1
II. Battery cabinet composing.....	1
III. Installation procedure.....	1
IV. Wiring diagram for each battery cabinet.....	2

Before operating, Please read User's Manual carefully to understand correct operation method of the equipment. Please retain properly after reading for future reference.

◆ Keep a good ventilation, guarantee a good heat radiation of the battery, please guarantee the distance more 1cm for the battery and the other battery.

◆ Assemble the battery pack according to the regular method and sequence In case of short battery circuit and lead to danger. wiring must be tightly locked when installing battery case, it is prohibited that connecting to opposite pole, short circuit connecting, any contact of either wiring terminal or exposed wire end within the same battery, which will bring out damage of battery and harm to human body.

◆ Please connect wire according to the wiring diagrams for each battery cabinet.

◆ If the battery cabinet scheme the air switch, please notice close the air switch in order to avoid the UPS output abnormal when the line is abnormal. Cut off the air switch of the battery cabinet in order to avoid the battery group short as maintenance UPS.

◆ Please check battery and wiring each year to avoid suddenness happening.

## I .Summarize

1. B4 type battery cabinet dimensions are as follows:

Type	Dimension (Width × Depth × Height) (mm)
B4	460×760×300

2. B4 type battery cabinet is easy in installation and operation, B4 battery cabinet can hold 100Ah/12V、65Ah/12V battery 4PCS (max.) or 38Ah/12V、24Ah/12V battery 8PCS (max.)。

## II . Battery Cabinet composing

One set of battery cabinet normally includes:

Item	Nomenclature	Remarks
1	Battery cabinet	
2	Battery	
3	Battery cabinet wiring	1 set
4	B4 type battery cabinet installation instruction	1 copy
5	Wire clip - 3.6×200mm	2 pcs
6	Outlet ring Φ30	2 pcs

## III. Installation procedure

Step 1. Installing the bottom plate and the front/back stand plate as shown in Fig.1.

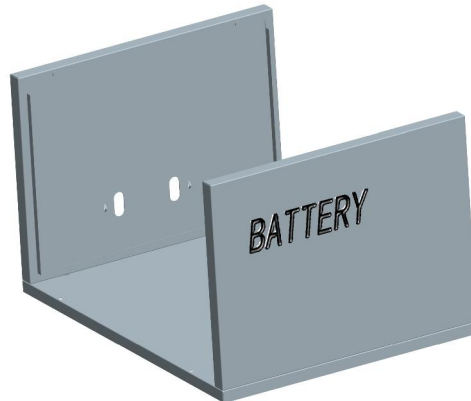


Fig. 1

Step 2. According to the provided wiring diagram and list, put the battery onto bottom plate of the cabinet, then wiring with the wire end locked on battery pole in Fig. 2.

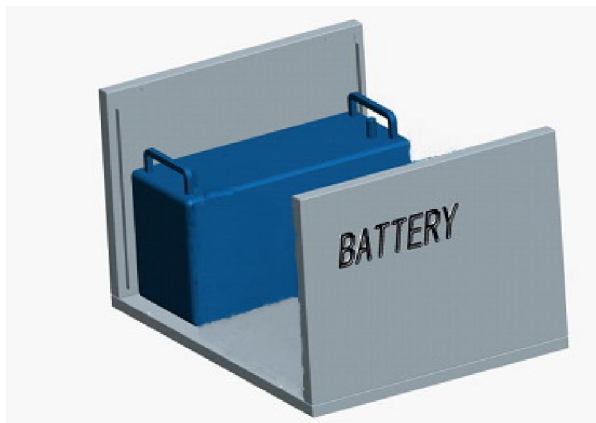


Fig. 2

Step 3. Mount the side board at two sides, as shown in Fig. 3.

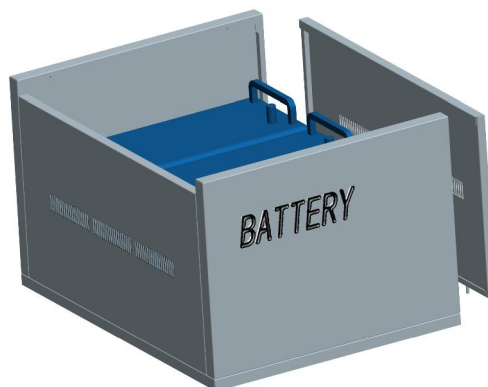


Fig. 3

Step 4. cover the top cover, as shown in Fig.4.

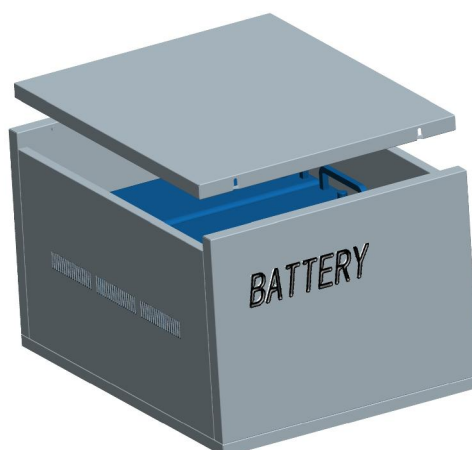


Fig. 4

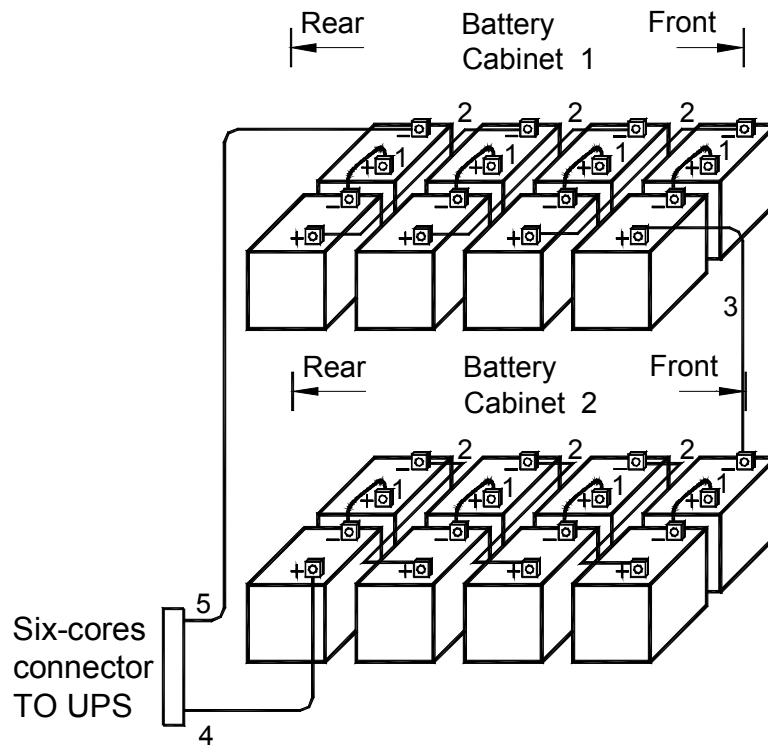
#### IV. Wiring diagrams for each battery cabinet

(1). Wiring connection of battery cabinet is as follow:

Caution:

1. Please perform wire connection according to the wiring diagram for battery cabinet type with corresponding description.
2. Each wire is marked with wire number, please connect in strict accordance with the wire number and wiring diagram.
3. Wire connection must be secure. Battery +/- pole short-circuit is strictly forbidden, and +/- pole must not be wrongly connected; it's strictly prohibited to touch any two wiring terminals of any battery or the exposed end of connecting wire at the same time.

The wiring diagram for each battery cabinet is as follows: (Hereinafter, the suffix A means that when using 100Ah/12V battery of YUASA and some other types, the copper connector is of specially-made 100A type, and its wiring is the same as those without suffix A)



Wiring connection of battery cabinet