

## Output 3AC 380V

|                                    |   |
|------------------------------------|---|
| Maximum input DC voltage           | 800VDC  |
| Recommended DC input voltage range | 420~720VDC  |
| Recommended input working voltage  | 540VDC  |
| The number of Input port           | 1   |
| Rated output voltage               | 3AC 380V  |
| Output frequency range             | 0~600Hz   |
| Cooling method                     | Air cooling   |
| Altitude                           | This controller should be installed with altitude of lower than 1000m. It will be degraded when the altitude is higher than 1000m. For details, rated output current should be degraded 1% for every 100m |
| Standard                           | CE  |

## Output 3AC 220V

|                                    |   |
|------------------------------------|---|
| Maximum input DC voltage           | 410VDC  |
| Recommended DC input voltage range | 220~370VDC  |
| Recommended input working voltage  | 305VDC  |
| The number of Input port           | 1   |
| Rated output voltage               | 3AC 220V  |
| Output frequency range             | 0~600Hz   |
| Cooling method                     | Air cooling   |
| Altitude                           | This controller should be installed with altitude of lower than 1000m. It will be degraded when the altitude is higher than 1000m. For details, rated output current should be degraded 1% for every 100m |
| Standard                           | CE  |

## Description of Name Plate

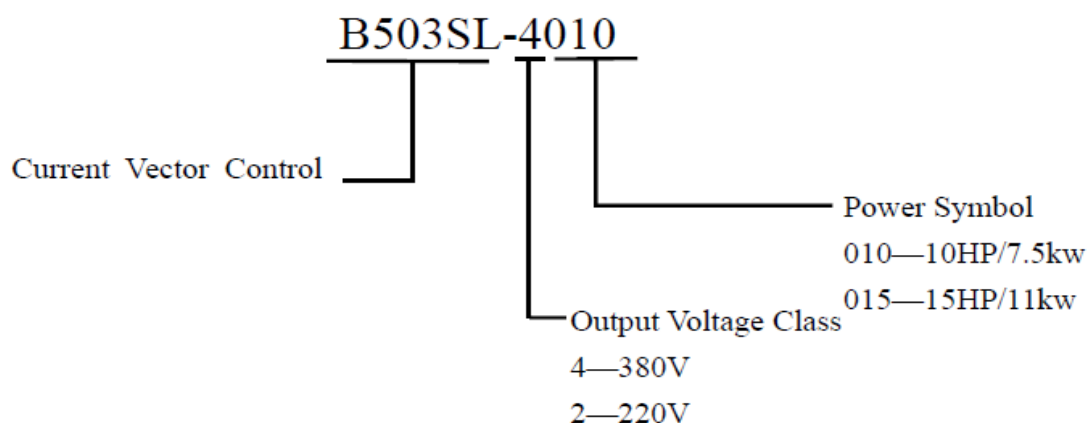


Figure1.1 Nameplate of controller

# SELECTION GUIDE



## Output 3AC 380V

| Model No.              | Rated Output Power | Rated Input Current | Rated Output Current | Motor Power (kW) | Size |
|------------------------|--------------------|---------------------|----------------------|------------------|------|
| <b>Output 3AC 380V</b> |                    |                     |                      |                  |      |
| B503SL-4010            | 7.5                | 20                  | 17                   | 7.5              | D    |
| B503SL-4015            | 11                 | 26                  | 25                   | 11               | D    |
| B503SL-4020            | 15                 | 35                  | 32                   | 15               | D    |
| B503SL-4025            | 18.5               | 38                  | 37                   | 18.5             | E    |
| B503SL-4030            | 22                 | 46                  | 45                   | 22               | E    |
| B503SL-4040            | 30                 | 62                  | 60                   | 30               | E    |
| B503SL-4050            | 37                 | 76                  | 75                   | 37               | F    |

## Output 3AC 220V

| Model No.              | Rated Output Power | Rated Input Current | Rated Output Current | Motor Power (kW) | Size |
|------------------------|--------------------|---------------------|----------------------|------------------|------|
| <b>Output 3AC 220V</b> |                    |                     |                      |                  |      |
| B503SL-4001            | 0.75               | 5.0                 | 4.5                  | 0.75             | B    |
| B503SL-4002            | 1.5                | 7.7                 | 7                    | 1.5              | B    |
| B503SL-4003            | 2.2                | 11.0                | 10                   | 2.2              | B    |
| B503SL-4005            | 4.0                | 17.0                | 16                   | 3.7              | C    |
| B503SL-4007            | 5.5                | 21.0                | 20                   | 5.5              | C    |

## Parts Descriptions:

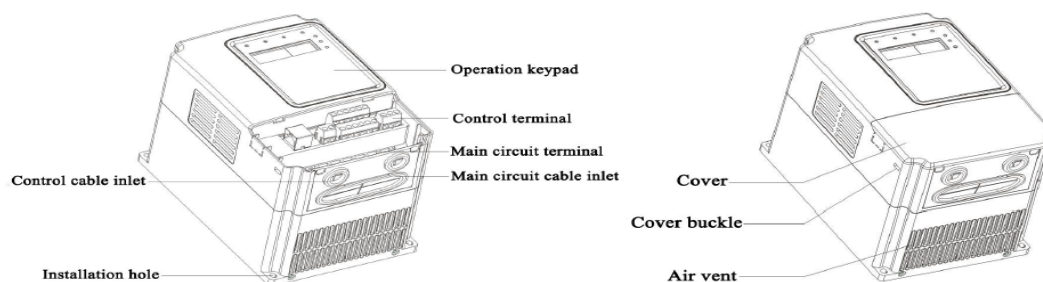


Figure 1.2 Parts of controllers(15KW and below)

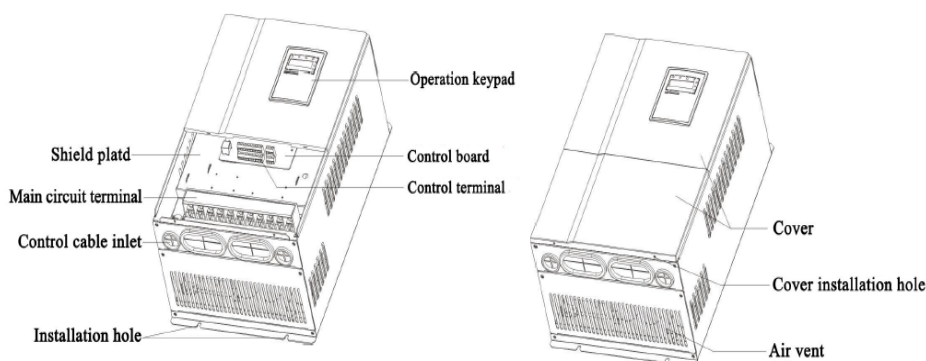


Figure 1.3 Parts of controllers (18.5KW and above)

## External Dimensions

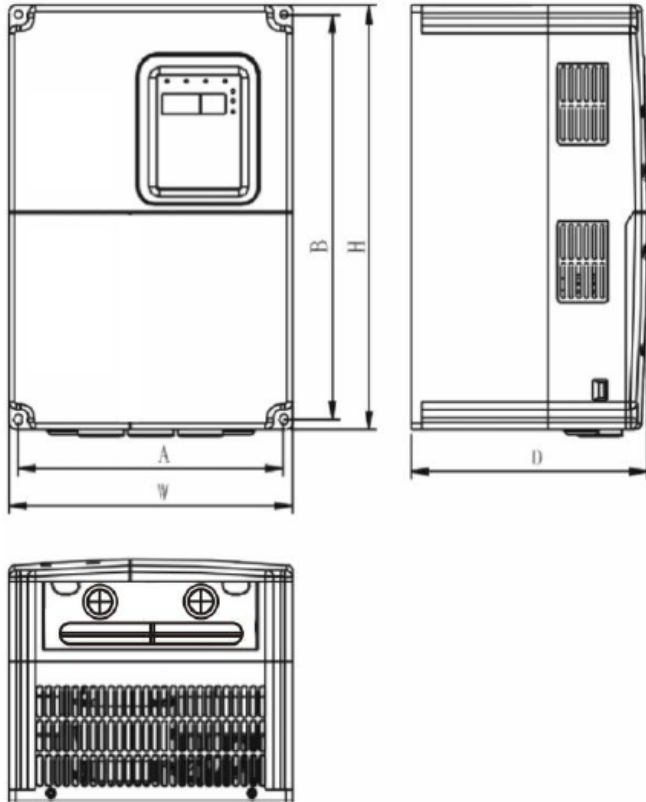


Figure 1.4 Dimension(0.75~15KW)

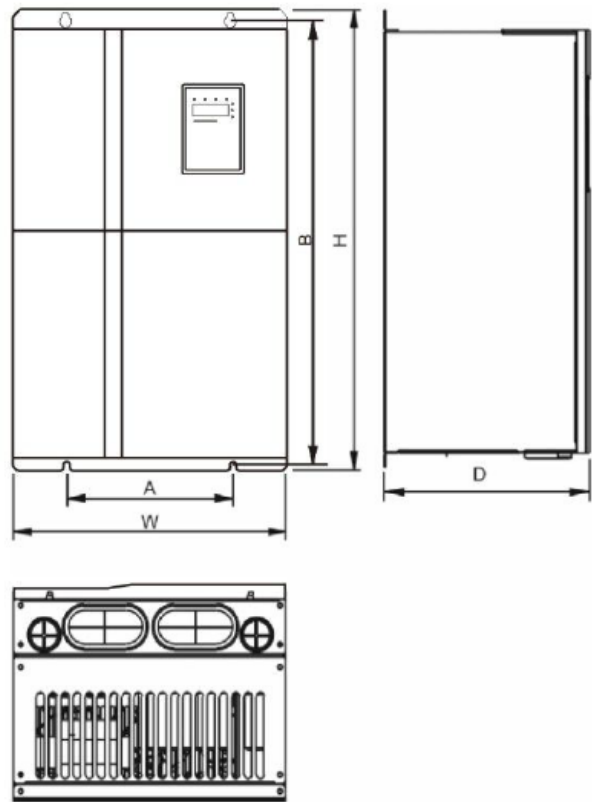


Figure 1.5 Dimension(18.5~110KW)

| Power (kW) | Size | A (mm)                 | B (mm) | H (mm)             | W (mm) | D (mm) | Installation Hole (mm) |
|------------|------|------------------------|--------|--------------------|--------|--------|------------------------|
|            |      | Installation Dimension |        | External Dimension |        |        |                        |
| 0.75 - 2.2 | B    | 110.4                  | 170.5  | 180                | 120    | 140    | 5.0                    |
| 4 - 5.5    | C    | 147.5                  | 236    | 250                | 160    | 183    | 5.0                    |
| 7.5 - 15   | D    | 206                    | 305.5  | 322                | 220    | 183    | 6.0                    |
| 18.5 - 30  | E    | 175                    | 455    | 472                | 295    | 222    | 6.5                    |
| 37         | F    | 230                    | 564.5  | 580                | 380    | 270    | 7.0                    |

## Installation

### Installation Space

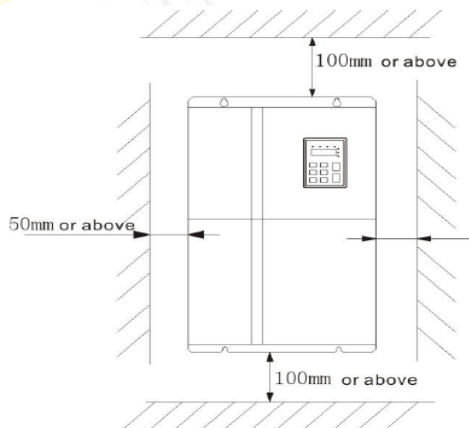


Figure 2.1 Safe space.

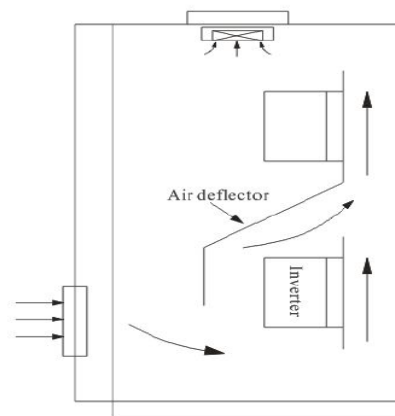


Figure 2.2 Installation of multiple controllers.

**Notice: Add the air deflector when apply the up-down installation.**