

Chapter 7 Installation & Connection

7.1 Installation

Inverter should be installed vertically, as shown in Figure 7-1. Sufficient ventilation space should be ensured in its surrounding.

Clearance dimensions (recommended) are available from Table 7-1 Clearance Dimensions for installing of the inverter. Space between 2 drives 25mm.

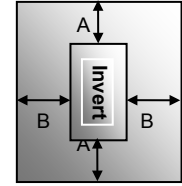
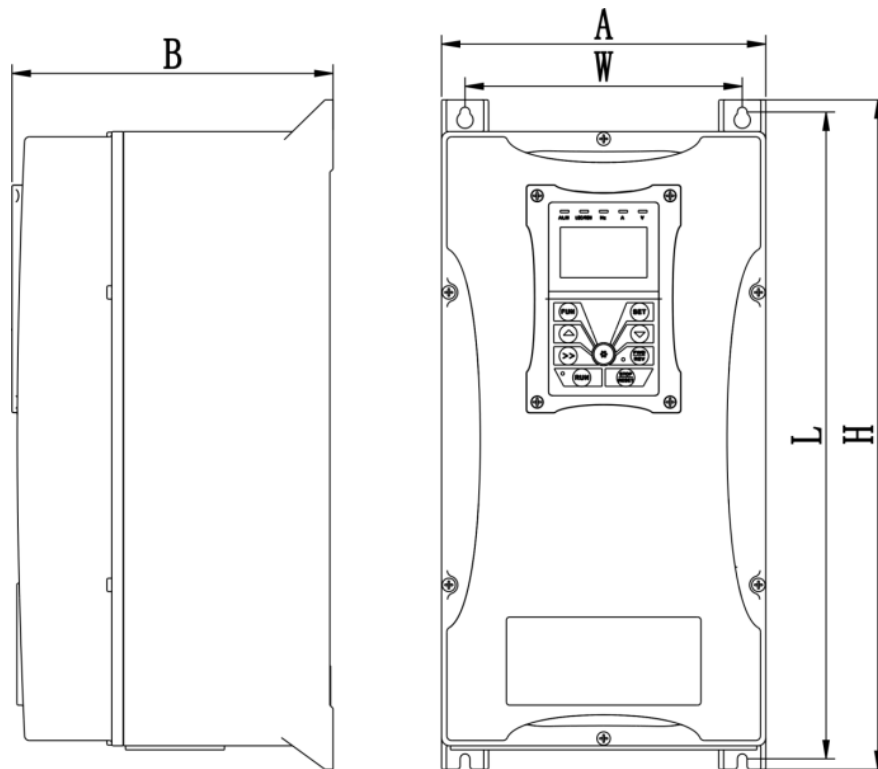


Table 7-1 Clearance Dimensions

Figure 7-1 Installation Sketch

Model	Clearance Dimensions	
Hanging	A≥150mm	B≥12.5mm

Frame	External Dimension A×B×H (H1) mm	Mounting Size(W×L)	Mounting Bolt
1	200×198×412	171×398	M5
2	242×198×418	215×402	M6
3	242×228×471	210×454	M8



Cover Layout

7.2 Connection

Connect R/L1, S/L2 and T/L3 terminals (L1/R and L2/S terminals for single-phase) with power supply, \perp to grounding, and U, V and W terminals to motor.

Motor shall have to be grounded. Otherwise electrified motor causes interference.

For inverter power lower than 15kW, braking cell is also built in. If the load inertia is moderate, it is OK to only connect braking resistance.