

More advanced inverter hoist for ease of use and multifunction



The realization of

improvement of safety

The overload prevention function which stops hoisting when an overload is standard equipment. The overload judgment value is adjustable within a range from 100 to 125 percent of the rated load.

multi-functionalized

The light load high speed operation function is standard equipment, and the judgment value is adjustable in the range of 0% to 25% of the rated load for users who use a handling device. This function can be used even under combined hoisting operation.

improvement of ease of maintenance

The hoisting brake for 5t was improved to be simpler structure and more reliability and it brought the long life. The structure of the brake (from 1t to 2.8t) was changed to improve the ease of maintenance.

improvement of accuracy

The stability of the hoisting and lowering speed were improved to be within 1% and it enables to restrict the load slope attributed to combined hoisting operation. And also the accuracy of the low hoisting speed and the low lowering speed were improved to be within $\pm 20\%$ of the value of the nameplate.

improvement of Resistance to environment

The resistance to environment was improved to be IP-44 by enhancing the enclosure.

improvement of operability

In addition to the easy settings by the buttons on the printed circuit board, all position settings of the upper and lower limit can be controlled at the same time and it allows you to replace the wire rope with ease.