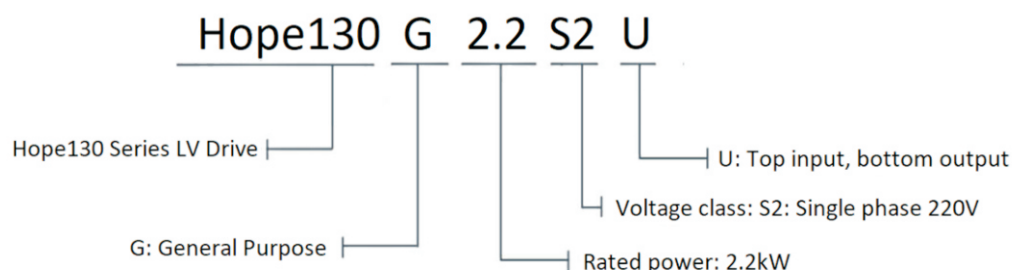


# Hope130 Series compact frequency inverter

## ■ AC 220v 0.75~4kw



## ■ Product specification

	Items	Item Description
Input	Rated voltage, frequency	Single phase: 220V; 50Hz/60Hz
	Allowable range	Voltage fluctuating range: -15%~10%; voltage unbalance: <3%; frequency: 47Hz~63Hz
Output	Output voltage	Three-phase, 0V~input voltage, error<5%
	Output frequency range	0.00 ~ 650.00Hz
Performance Indicator	Overload capacity	150% rated current for 1 minute
	Frequency resolution	Digital setting: 0.01Hz; simulation setting: <2% of the maximum frequency
	Output frequency accuracy	Simulation setting: <±2% of the maximum frequency; digital setting: 0.01Hz
	Analog input AI	2 circuits of AI, with voltage type and current type independent terminal available and disconnection detection function
Control terminal	Analog output AO	2 circuits of multifunctional AO, with voltage type and current type independent terminal available
	Digital input	6 circuits of multifunctional digital input
	Digital output	1 circuit of OC multifunctional digital output and 2 circuits of multifunction relay output
	Communication	Built-in RS485 communication interface, with optional terminal resistance, supports RTU mode and Modbus protocol
Software functions	Motor control mode	High-performance optimized-space V/F control with functions including automatic torque lifting, slip compensation
	Run command channel	Operation panel setting, control terminal setting, communication setting, switchable via terminal
	Frequency setting channel	Operation panel, communication, UP/DOWN regulated value, and AI can achieve auxiliary frequency superposition and trimming
	V/F curve	Linear V/F curve and two kinds of torque-reduction V/F curves, with manual and automatic torque lifting function

## ■ Product Features

- Minimalist design
- Extremely high power density
- Extremely high control performance
- Very simple operation interface
- Ultimate quality assurance
- Excellent warranty service

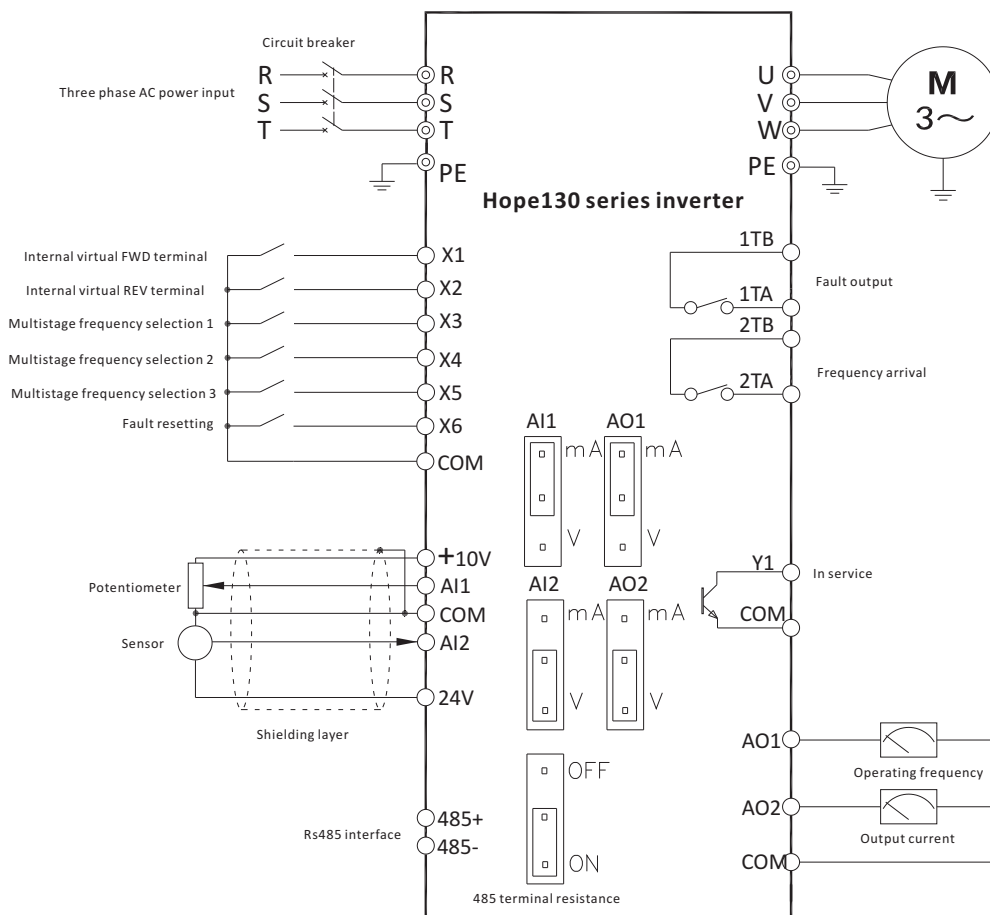
## ■ Product Series Specifications

Rated values, size and weight of Hope130 series inverter are as follows:

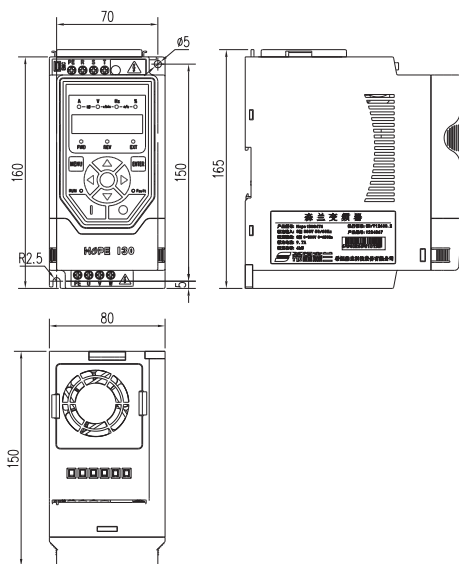
220V:

Inverter model	Rated capacity (kVA)	Output current rating(A)	Adaptive motor(kW)	Chassis size (mm )	Weight (kg)
Hope130G0.75S2U	1.6	5	0.75	165*80*150	1.05
Hope130G1.5S2U	3.1	8	1.5		1.10
Hope130G2.2S2U	4.2	11	2.2		1.15
Hope130G4S2U	6.9	18	4	240*110*165	2.25

See following figure for wiring of basic operation



Outline drawing and size of Hope130G,0.75S2U~2.2S2U up-in and down-out line model are shown below:



Outline drawing and size of Hope130G4S2U up-in and down-out line model:

