SLANVERT

Hope65 Series Smart VFD

AC 220V/380V 0.75~22kW



Hope65 G 2.2 S2 B

- Hope65: Hope65 Series Drive
- G: Heavy duty; P: Light duty
- 2.2: Rated power: 2.2kW
- S2: Single phase 220V; T4: 3 phase 380V
- B: Built-in brake unit

Product features

- Support V/F and Vector control
- Integrated G/P mode
- Built-in DBU
- Removable keypad
- Standard RS485 interface
- Output 0-500Hz
- Automatic torque boost
- Linear/S-curve acceleration and deceleration

Rated parameters

Voltage	Model	Capacity kVA	Rated input current/A	Rated output current/A	Motor kW
220V	Hope65G0.75S2B	1.5	8.2	4	0.75
	Hope65G1.5S2B	3	14	7	1.5
	Hope65G2.2S2B	4	23	9.6	2.2
	Hope65G4S2B	5.9	32	17	4
	Hope65G5.5S2B	11	45	25	5.5
380V	Hope65G0.75/P1.5T4B	1.5	3.4	2.1	0.75/1.5
	Hope65G1.5/P2.2T4B	3	5	3.8	1.5/2.2
	Hope65G2.2/P4T4B	4	5.8	5.1	2.2/4
	Hope65G4/P5.5T4B	6	10.5	9	4/5.5
	Hope65G5.5/P7.5T4B	11	13.9	13	5.5/7.5
	Hope65G7.5/P11T4B	15	18.9	17	7.5/11
	Hope65G11/P15T4B	30	27.8	25	11/15
	Hope65G15/P18.5T4B	37	37.9	32	15/18.5
	Hope65G18.5/P22T4B	44	46.7	37	18.5/22
	Hope65G22/P30T4B	60	55.6	45	22/30

Product specification

	Functional Descriptions	Specifications
INPUT	Input voltage	AC 1PH, 220V(-15%) ~ 240V(+10%) AC 3PH, 380V(-15%) ~ 440V(+10%)
	Rated frequency	50/60 Hz
	Frequency range	±5%
OUTPUT	Output voltage	0- Input Voltage
BASIC PARAMETERS	Output frequency	Vector control: 0～500Hz
		V/F control: 0～500Hz
	Overload capacity	150% of rated current: 60 seconds 170% of rated current: 12 seconds 190% of rated current: 1.5 seconds
	V/F curve	3 types: Linear, Multi-point, square curve (1.2 power, 1.4 power, 1.6 power, 1.8 power, 2 power)
	DC braking	DC braking frequency: 0.00Hz ~ Maximum frequency
		Braking time: 0.0s~36.0s, Braking current value: 0.0%~100.0%
	JOG control	JOG frequency range: 0.00Hz ~ Maximum frequency (5Hz in default)
		JOG acceleration and deceleration time: 0.0s~6500.0s
	Braking unit	Built-in braking unit
	Communication	Built-in RS485

Standard wiring

