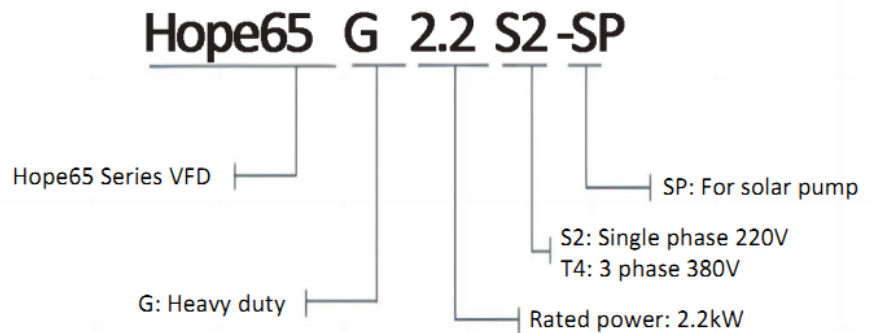


Hope65-SP Solar pumping VFD

AC 220V/380V 0.75~22kW



Product features

- Advanced MPPT Algorithm
- Solar PV and AC power input
- V/F and Vector control
- Removable keypad
- Water level control
- Standard RS485 interface
- Output 0-500Hz
- Automatic torque boost

Rated parameters

Voltage	Model	Capacity HP	Input current/A	Rated output current/A	Motor kW
220V	Hope65G0.75S2-SP	1	8.2	4	0.75
	Hope65G1.5S2-SP	2	14	7	1.5
	Hope65G2.2S2-SP	3	23	9.6	2.2
	Hope65G4S2-SP	5	32	17	4
	Hope65G5.5S2-SP	7.5	45	25	5.5
380V	Hope65G0.75T4-SP	1/2	3.4	2.1/3.8	0.75/1.5
	Hope65G1.5T4-SP	2/3	5	3.8/5.1	1.5/2.2
	Hope65G2.2T4-SP	3/5	5.8	5.1/9	2.2/4
	Hope65G4T4-SP	5/7.5	10.5	9/13	4/5.5
	Hope65G5.5T4-SP	7.5/10	13.9	13/17	5.5/7.5
	Hope65G7.5T4-SP	10/15	18.9	17/25	7.5/11
	Hope65G11T4-SP	15/20	27.8	25/32	11/15
	Hope65G15T4-SP	20/25	37.9	32/37	15/18.5
	Hope65G18.5T4-SP	25/30	46.7	37/45	18.5/22
	Hope65G22T4-SP	30/40	55.6	45/60	22/30

■ Specification

	Functional Descriptions	Specifications
INPUT	PV voltage/DC	Recommend Voc range: 220V: 360~430Vdc. 380V: 550~850Vdc Recommend Vmp range: 220V: 250~350Vdc. 380V: 450~750Vdc Max PV input: 450Vdc(220v class), 900Vdc(380v class) Operation voltage range: 220V(150-450Vdc) 380V(200-900Vdc)
	Input voltage/AC	AC 1PH, 220V(-15%) ~ 240V(+10%) AC 3PH, 380V(-15%) ~ 440V(+10%)
	Allowable range	Voltage fluctuating range: -15%~10%; voltage unbalance <3%; frequency: 47Hz~63Hz
OUTPUT	Output voltage	220V class: 1PH or 3PH 220V 380V class: 3phase 380V 0V~input voltage, tolerance<5%
BASIC PARAMETERS	Output frequency	0~500Hz
	Overload capacity	150% of rated current: 60 s 170% of rated current: 12 s 190% of rated current: 1.5 s
	IO Resource	5DI, 1DO, 1RO, 1AI, 1AO, RS485

■ Solar water pumping system

