

# SY380 series easy user manual

## 1.1 Nameplate information

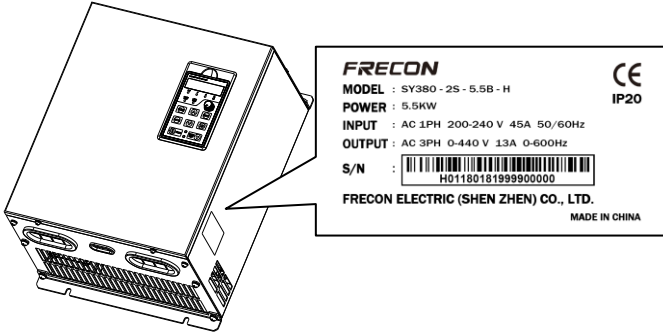


Fig. 1 Nameplate information

## 1.2 Model explanation

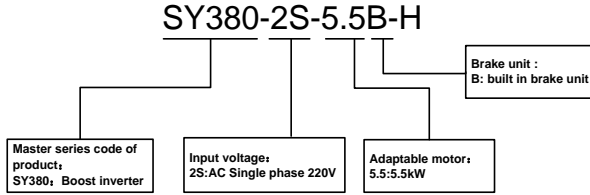


Fig. 2 Model explanation

## 1.3 Product model and technical data

Model No.	Power capacity KVA	Rated Input current A	Rated output current A	Applicable motor kW HP	
Input voltage:1-Phase: 220V, 50/60Hz		-15%~+30%	Output voltage: 3-phase	0-440V	
SY380-2S-4.0B-H	5.2	30	9.5	3.7 / 4	5
SY380-2S-5.5B-H	8	45	13	5.5	7.5
SY380-2S-7.5B-H	9.8	56	17	7.5	10
SY380-2S-011B-H	14.5	85	25	11	15
SY380-2S-015B-H	18.8	110	32	15	20
SY380-2S-018B-H	21.4	125	37	18.5	25
SY380-2S-022B-H	26.2	153	45	22	30

2.1 Product shape, installation dimension and weight

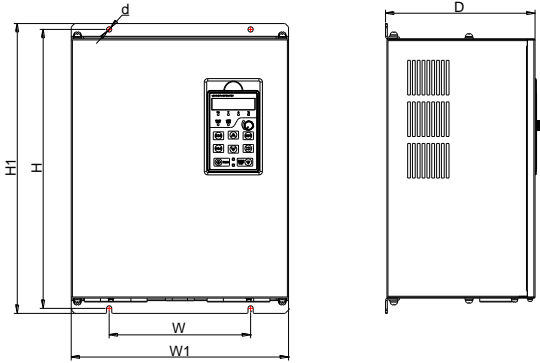


Fig. 3 Product dimension & installation dimension

Sheet1 Wall mounted installation dimension

Model	Product & installation dimension (mm)					
	W	W1	H	H1	D	Mounting hole diameter(d)
SY380-2S-4.0B-H	205	315	403	418	216	7
SY380-2S-5.5B-H						
SY380-2S-7.5B-H						
SY380-2S-011B-H						
SY380-2S-015B-H	220	370	455	473	230	7
SY380-2S-018B-H						
SY380-2S-022B-H						

2.2 Main Circuit Terminals

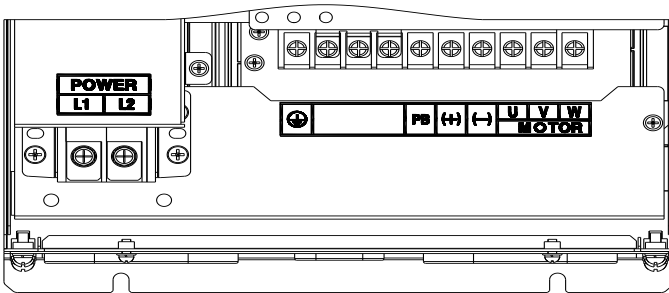


Fig4 4.0-11KW main circuit terminal

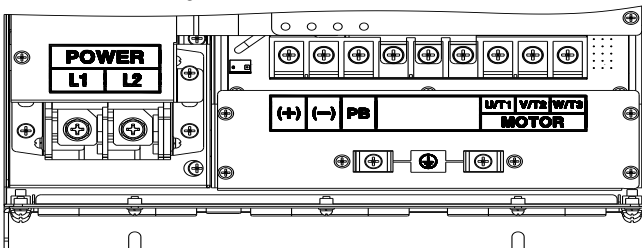



Fig5 15-22KW main circuit terminal

Terminal marks	Designation and function of terminals
L1、L2	AC power input terminals for connecting to 1-phase AC220V power supply.
U、V、W	AC output terminals of inverter for connecting to 3-phase induction motor.
(+)、(-)	Positive and negative terminals of internal DC bus.
PB	Positive and negative terminals of internal DC bus. Connecting terminals of braking resistor. One end connected to + and the other to PB.
	Grounding terminal.