

SY380 Series Voltage Boost Inverter



Overview

SY380 series inverter is a special inverter designed for the civil power grid (single-phase 220VAC) driven 380VAC motor. No need to add the transformer, then customer can easily drive 380VAC motor with this series.

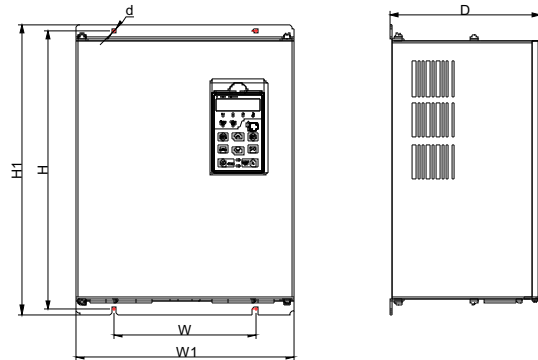
Features

- Power range: 4. 0–22KW
- Derating design of components and high reliability
- Excellent performance:
 - High starting torque
 - Strong overload capacity
- Built-in booster circuit to achieve input AC 220V, output AC 380V
- Rich functions:
 - Built-in PID, simple PLC, multi-speed function
 - Various V/F control curves can meet different application requirements
- Multiple protections:
 - Built-in over-voltage, overload, over-temperature, over-current, etc., using more reliable

Electrical Specifications

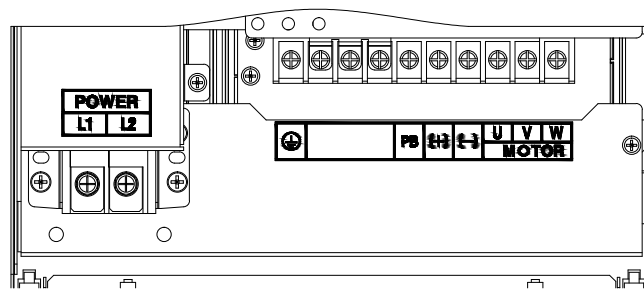
Model	Power Capacity (KVA)	Rated Input Current (A)	Rated Output Current (A)	Adaptive Motor	
				KW	HP
Input voltage: single-phase: 220V, 50/60Hz -15%~+30% Output voltage: Three-phase 0-440V					
SY380-2S-4.0B-H	5.2	30	9.5	3.7/4	5
SY380-2S-5.5B-H	8	45	13	5.5	7.5
SY380-2S-7.5B-H	9.8	56	17	7.5	10
SY380-2S-011B-H	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

Dimensions

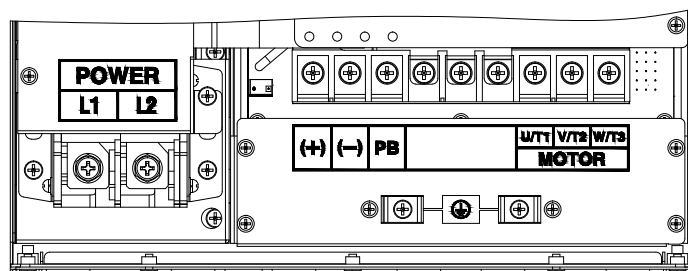


Model	Product installation size					
	W	W1	H	H1	D	Aperture (d)
SY380-2S-4.0B-H	205	315	403	418	216	7
SY380-2S-5.5B-H						
SY380-2S-7.5B-H						
SY380-2S-011B-H						
SY380-2S-015B-H	220	370	455	473	230	7
SY380-2S-018B-H						
SY380-2S-022B-H						

➤ Main Circuit Terminal



4.0-11KW Main Circuit Terminal



15-22KW Main Circuit Terminal

FRECON ELECTRIC (SHENZHEN) CO.,LTD

Add : 2nd, No.3 Zhenbao Industrial Zone, No.137 Shiyan Road, Shiyan Street, Bao'an, Shenzhen, China

Tel : 0755- 88605930

Fax : 0755-88606072

E-Mail: overseas@frecon.com.cn

Web: www.frecon-inverter.com



Website



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