SY380 Series

Voltage Boost Inverter



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SY380 Series Summary

SY380 series inverter is a special inverter designed for the civil power grid (single-phase 220VAC) and for three-phase AC 380V motors. Customers can easily drive three-phase AC 380V motors without adding additional transformers.



Features

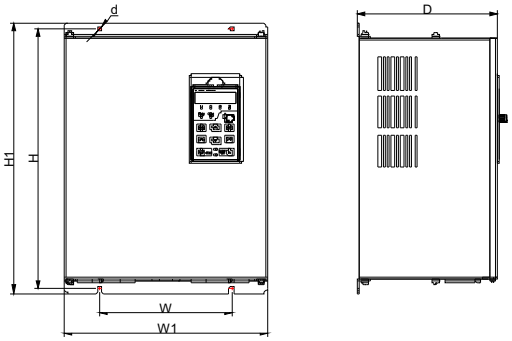
- High starting torque
- Strong overload capacity
- Built-in PID, simple PLC, multi-speed function
- Support DC and AC input, maximum DC voltage 900V
- Support chip removal function to clear blockages in the water pump
- Multiple protections such as overvoltage, overload, overtemperature, overcurrent, etc.
- A variety of V/F control curves can be set to meet different application requirements
- Built-in boost circuit, realizing the function of in putting single-phase AC220V and outputting three-phase AC380V

Electrical Specifications

Model	Power Capacity (KVA)	Rated Input Current（A）	Rated Output Current（A）	Adaptive Motor	
				kW	HP
Input voltage: single-phase AC 220V, 50/60Hz -15%~+30% Output voltage: three-phase AC 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

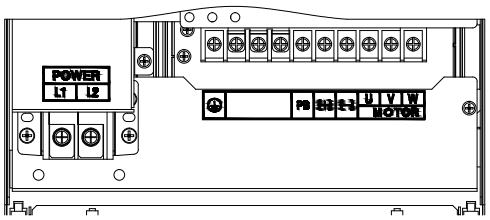
Dimensions and Terminal Drawings

Dimensions

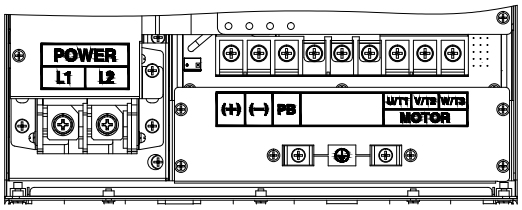


Model	Appearance and installation dimensions (mm)					
	W	W1	H	H1	D	Install Hole
SY380-2S-4.0B-H	205	315	403	418	216	7
SY380-2S-5.5B-H						
SY380-2S-7.5B-H						
SY380-2S-011B-H						
SY380-2S-015B-H						
SY380-2S-018B-H	220	370	455	473	230	
SY380-2S-022B-H						

Main circuit terminal



4.0-11kW Main circuit terminal



15-22kW Main circuit terminal

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