



WD400 Series High-Performance General-Purpose AC Drive (0.75–1000kW)

WOLONG
Power your future



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Introduction

Wolong, founded in 1984 and headquartered in Shaoxing, Zhejiang Province, is a global leading industrial enterprise committed to providing safe, efficient, intelligentized and green power drive system solutions with life-long supporting services to global users.

By utilizing cutting edge permanent magnet, nanotechnology and silicon carbide technologies, Wolong has built the China's first motor material demonstration platform, that satisfy the highest standards for power density and energy efficiency of motors and generators. With more than 30 years of development, the company has grown into one of the World's top three motor and drive manufacturers and sales enterprises. Wolong insists on technological innovation to lead the industrial reform, actively supports business digital transformation, continuously develops efficient drive system solutions and creates smart industry brain for the motor and drive life cycle management.

3 Manufacturing bases, 39 factories

Asia (China, Vietnam)
Europe (UK, Germany, Italy, Poland, Serbia)
America (Mexico)

1 Global Sales HQ and 4 Regional Sales HQs

Shanghai, China (Global Sales Headquarter) | Beijing, China (North Region)
Haiphong, Vietnam (APAC) | Mönchengladbach, Germany (EMEA)
Houston, U.S. (Americas)

4 R&D Centers

China | America | Japan | India



PRODUCT OVERVIEW



Designed and developed by Wolong Electric, WD400 Series is a new generation of high-performance general- purpose vector AC drive, which supports regular AC asynchronous motors and multiple high-efficiency motor control algorithms. It can be perfectly integrated with Wolong’ s synchronous and asynchronous motors, tailored for higher energy efficiency. Compared with the last generation, WD400 boasts significant improvements for having reached the industry frontier in terms of speed control range, torque output accuracy , low-frequency characteristics, and other key performance indices. Coupled with Safe Torque Off (STO), WD400 ensures both personal and equipment safety. Also, it is available in overseas high-end scenarios for its compliance with CE, UL, EAC, and other international certification standards. Featuring excellent reliability, performance, extensibility, and ease of assembly, WD400 is rather user-friendly.

SCOPE OF APPLICATION

Customized Solution

Compressors

Ships

Metallurgy

Injection Molding

Mining

Textiles

Petrochemicals

HVAC

Cement

Material Handling

Power Plants

Typical Applications

Belt Conveyor Crusher

Induction Motor, Permanent Magnet Synchronous Motor
Synchronous Reluctance Motor

Injection Molding Machine, Rolling Mill, Crane

Marine Propulsion

Port

Chemical Industry

Mine Belt Conveyor

Cement

Water Treatment

Pulp and Paper

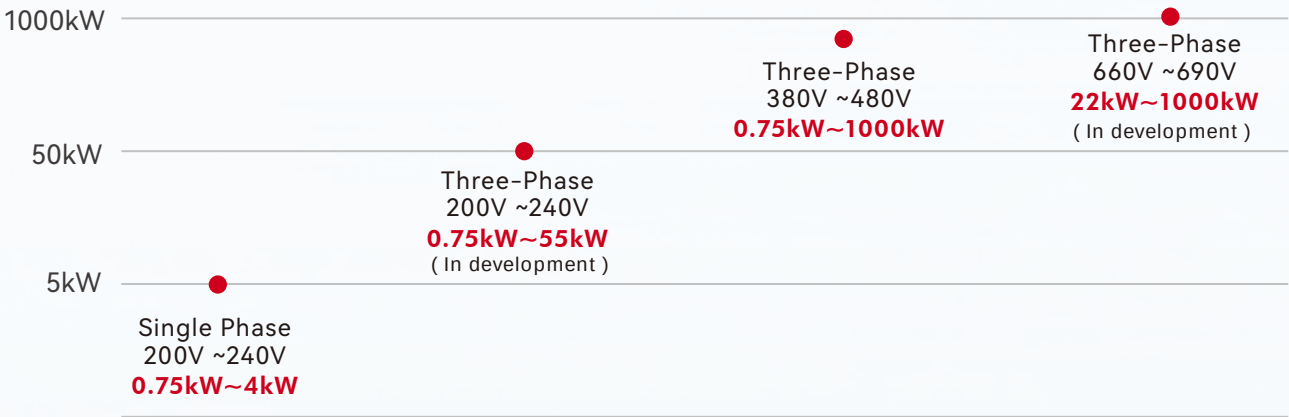
Food and Beverage

Hydrogen Production

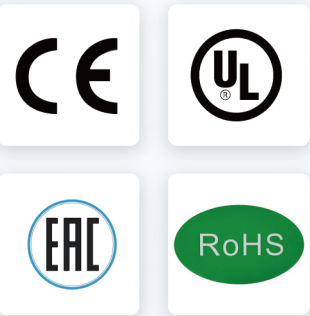
PRODUCT
ADVANTAGE

▼ Comprehensive and Versatile Product Range

The WD400 series AC Drive cover a power range from 0.75 kW to 1000 kW and can be used with four types of power supplies.



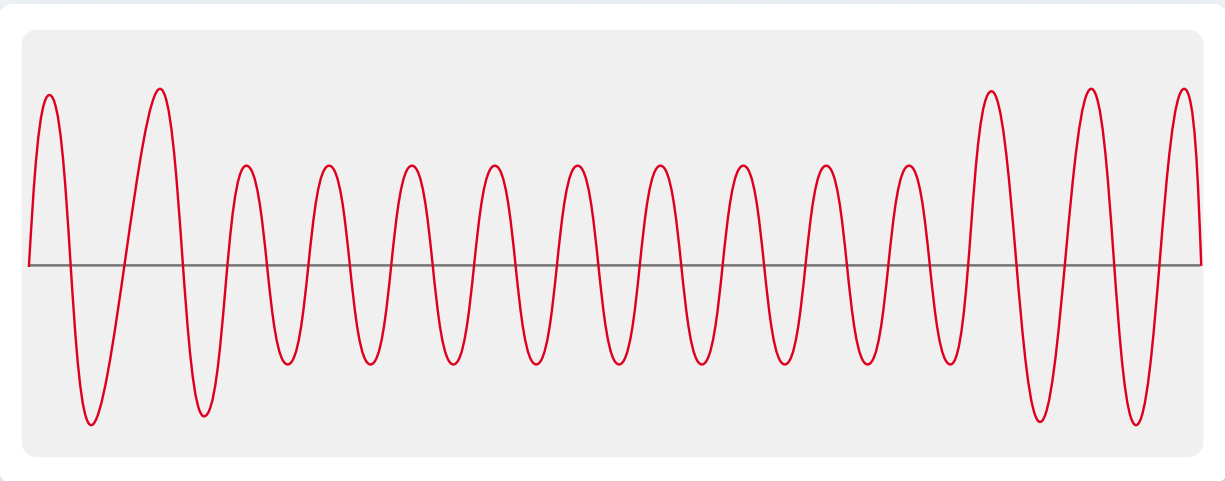
▼ International Standards



Available in overseas high-end scenarios for its compliance with CE, UL, EAC, and other international certification standard

Note: Some models are still in the process of certification.

▼ Wide Voltage Input



Wide Voltage Design, Suitable for 380-480V Three-Phase
Grid Applications in Different Regions Overseas

▼ Built-in DC Reactor



Slim Design, Significantly Reduces Installation Space for Customers
Integrated DC Reactor, Enhances Grid Compatibility

▼ Easy Compact Cabinet



Flexible and Compact Integrated Cabinet Design

▼ Flexible Installation Options

Rail Mounting
0.75kW-5.5kW

Wall Mounting
0.75kW-630kW

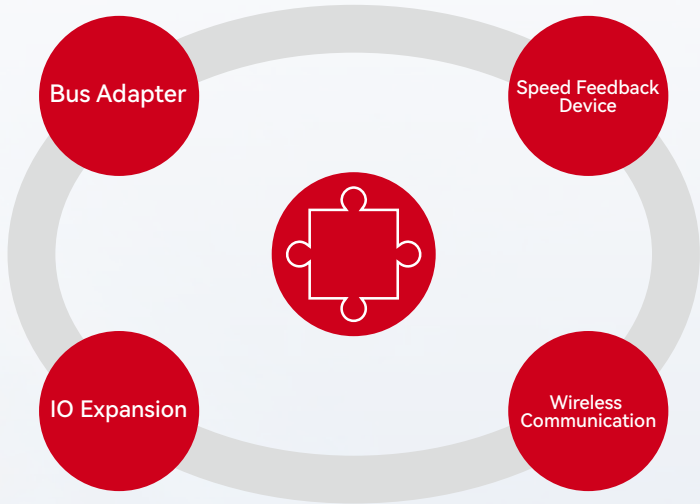
Flange Mounting
75kW-160kW

Floor Mounting
220kW-1000kW

Supports Multiple Function Extensions, Simplified Design Language, Extensive Ecosystem, User-Configurable-Free

Multi-Function Expansion Interfaces Support PROFIBUS, PROFINET, CANopen, 4G, Bluetooth, and Other Communication Cards

Compatible with Sine/ Cosine Encoder, Rotary Encoder, ABZ Encoder (Push-Pull, Differential , Open Collector), and Communication-Type Encoder



High-Performance 10 Supports Digital and Analog Input/Output, Compatible with External Temperature Sensors Such as PT100 and PT1000 for Motor Temperature Detection and Environmental Temperature Monitoring

IoT Expansion Card can connect directly to Cloud Servers for remote management and Monitoring. Bluetooth Functionality enables device Self-Networking and mobile patrol Monitoring.

Networked Eco-inverters



- Adapted to Industry 4.0

Keeping up with the industrial frontier, we utilize information technology to build an intelligent manufacturing + industrial Internet ecosystem.

- Adapts to multiple network topologies

Supports communication cards such as Modbus, Profibus-DP*, Profinet*, EtherCAT*, CANopen*, EtherNET*, and IoT card*.

Options are marked with an *asterisk.

- IoT Module

The equipment is not restricted by geographic location, supports intelligent remote inspection, fault remotewarning, visualization and analysis, and can be adapted to various cloud platforms.

Keyboard Display

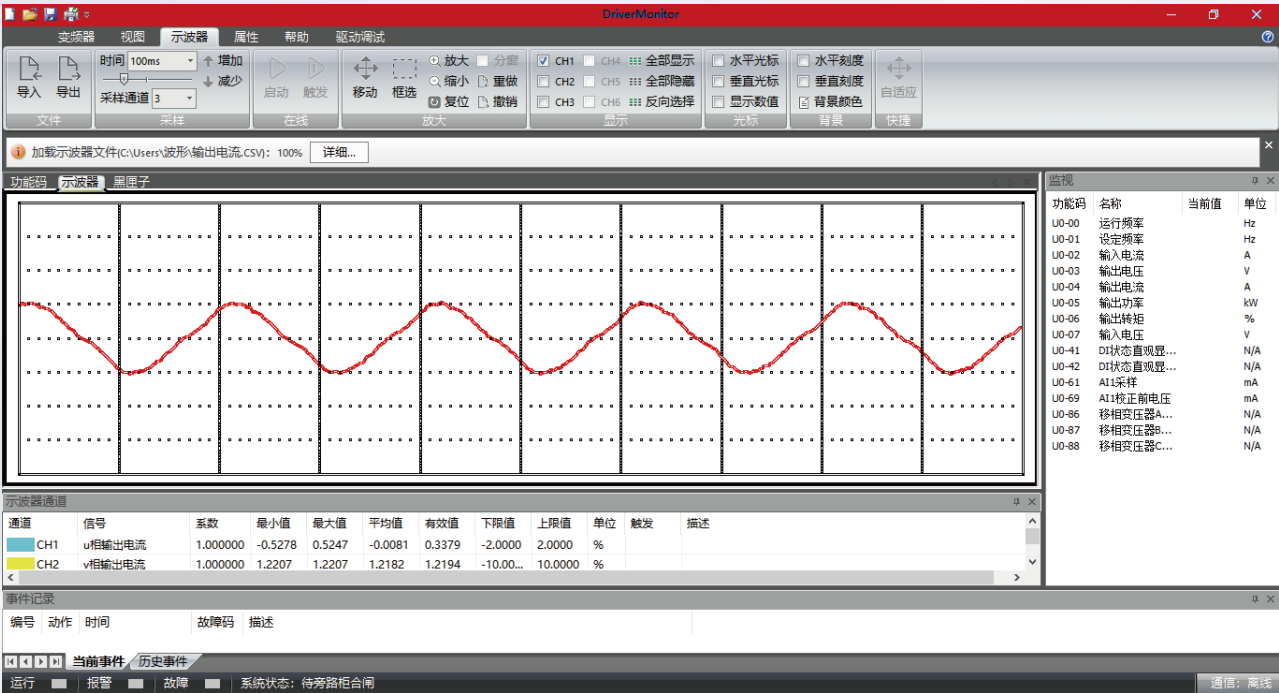
Multiple keyboards are available. Support parameter online modification monitoring, user rights management, shortcut keys and other operations.



- LCD Keypad
 - Simplified Graphical Interface Display, Multilingual Display, Parameter Copying

- LED Keypad
 - Bright LED Display, Numeric Keypad Operation, Suitable for Harsh Environments

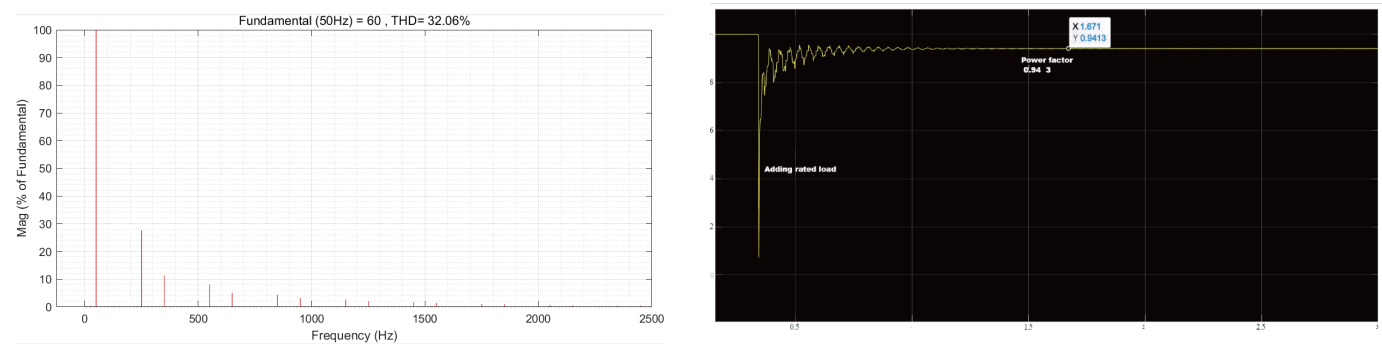
Host Computer



The host computer is equipped with virtual console and parameter monitor, which can realize online debugging, motor online learning, parameter copying, parameter loading, user rights management and other operations.

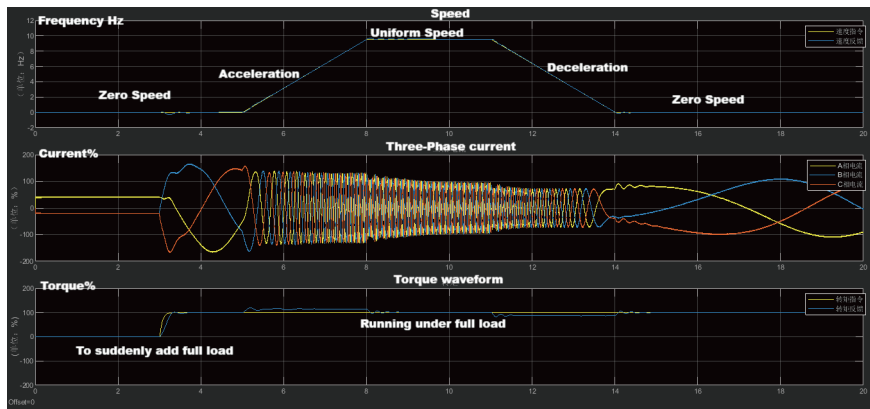
Energy saving and emission reduction

- Synchronous machine running at rated condition,side THDI ≤40%(grid-side harmonic content is low)
- Power factor ≥92%.
- With this typical application, the power factor is high and meets the green and low carbon requirements.



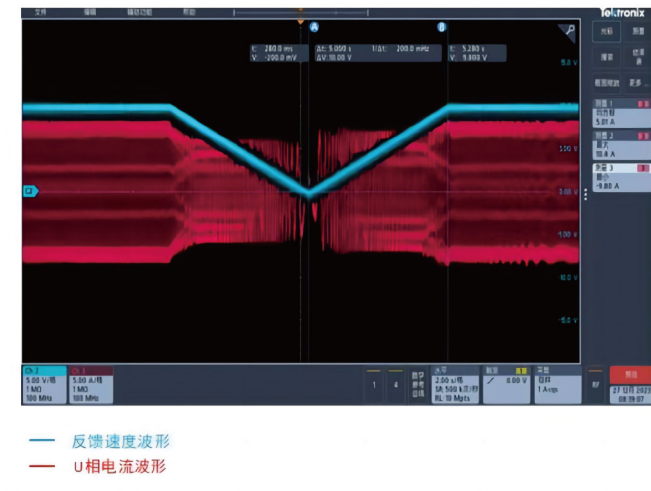
Excellent Zero-Speed Control Performance

- At Zero Speed, sudden application of rated load resultsin quick convergence of the observer, with no significant drop in feedback speed, indicating good Zero-speed control.
- During acceleration, constant speed, and deceleration stages, speed and torque tracking performance is Excellent.
- Deceleration to 0Hz Shows no significant speed fluctuation, demonstrating good system stability underrated load at zero speed.



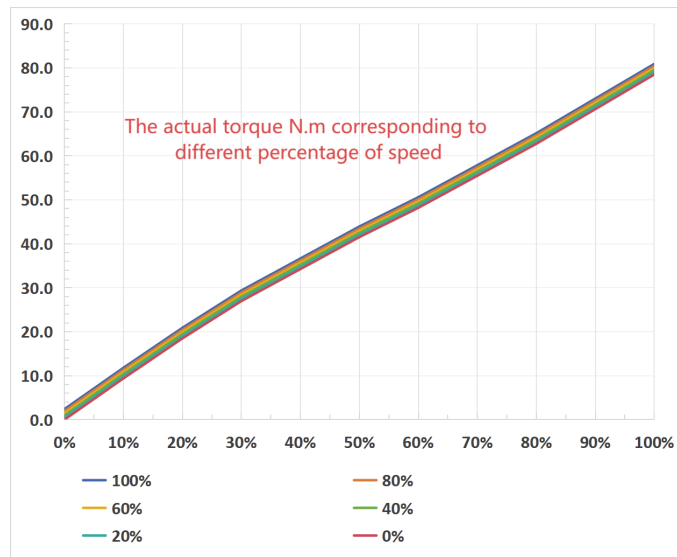
Excellent Forward-Reverse Switching Control

- During forward-reverse switching, the current waveform envelope is torque current, which is mooth without spikes
- Speed is set for linear acceleration and deceleration, with accurate acceleration and deceleration times;and excellent tracking performance.



Excellent Torque Control Performance

- In torque control mode,the given torque matches the actual output torque curve,achieving a torque linearity deviation of 3%,ensuring highperformance operation of the inverter.



PERFORMANCE PARAMETER

Items		Specification
Supported motor types		Asynchronous induction motors (IM), Permanent magnet synchronous motors (PMSM)
Control mode		Sensorless Vector Control (SVC); Field-Oriented Vector Control (FVC), V/F control
Protection		Overcurrent, Overvoltage, Buffer Resistor Overload Fault, Undervoltage, Inverter Overload, Motor Overload, Input Phase Loss, Output Phase Loss, Inverter Overheating, Buffer Resistor Engagement Fault, Current Zero Drift Detection Error, Ground Short Circuit Detection Fault, PWM Limiting Fault, Initial Position Fault, Tuning Failure, Signal Encoder Fault, Brake Resistor Direct Short, Brake Resistor Continuous On-Time Timeout, Back EMF Fault
Asynchronous machine VF	Supported Functions	Energy-Saving Control, Overvoltage Suppression, Overcurrent Suppression, Voltage Dip Suppression, Oscillation Suppression, Torque Boost, Slip Compensation, Different VF Curve Selection, VF Separation, DC Braking, Overexcitation Rapid Deceleration, Droop Control
Asynchronous machine FVC	Supported Functions	Energy-Saving Control, Droop Control, Master-Slave Control, Load Observer, Overvoltage Suppression, Voltage Dip Suppression, Overexcitation Rapid Deceleration, Automatic Voltage Adjustment (AVR Generator Bus Voltage Control), DC Braking,
	Encoder Support	ABZ Encoder (Differential, Collector, Push-Pull), Rotary Encoder, Sine/Cosine Encoder
	Starting Torque	200%
	Torque Step Response	Torque step response within 2ms
	Speed Stability Precision	0.02%
	Speed Fluctuation	0.05%
	Torque Control Precision	Torque Control Precision ±2%
Asynchronous machine SVC	Flux Weakening Factor	5x Flux Weakening
	Supported Functions	Energy-Saving Control, Droop Control, Master-Slave Control, Load Observer, Overvoltage Suppression, Voltage Dip Suppression, Overexcitation Rapid Deceleration, Automatic Voltage Adjustment (AVR Generator Bus Voltage Control), Speed Tracking, DC Braking, etc.
	Speed Range	1:500
	Starting Torque	200%
	Torque Step Response	Torque step response within 2ms
	Torque Control Precision	Torque Control Precision ±3% above 5Hz
	Speed Accuracy	10% within rated slip
Synchronous Machine FVC	Flux Weakening Factor	5x Flux Weakening
	Supported Functions	Electronic Fusing, Overexcitation Rapid Deceleration, Master-Slave Control, MTPA Maximum Torque per Amp Control, Droop Control, Master-Slave Control, Overvoltage Suppression, Voltage Dip Suppression, Automatic Voltage Adjustment (AVR Generator Bus Voltage Control), DC Braking,
	Encoder Support	ABZ Encoder (Differential, Collector, Push-Pull), Encoder, Sine-Cosine Encoder
	Starting Torque	200%
	Torque Step Response	Torque step response within 2ms
	Speed Stability Precision	0.02%
	Speed Fluctuation	0.05%
Synchronous Machine SVC	Torque Control Precision	Torque Control Precision ±2%
	Supported Functions	Speed Tracking, Electronic Fusing, Overexcitation Rapid Deceleration, Master-Slave Control, MTPA Maximum Torque per Amp Control, Droop Control, Master-Slave Control, Overvoltage Suppression, Voltage Dip Suppression, Automatic Voltage Adjustment (AVR Generator Bus Voltage Control), DC Braking,
	Speed Range	1:200
	Starting Torque	200%
	Torque Step Response	Torque step response within 2ms
	Speed Stability Precision	0.05%
Synchronous Machine SVC	Torque Control Precision	Torque Control Precision ±3% above 5Hz

OTHER TECHNICAL
PARAMETERS

Items	Specification
Supply Voltage	Single-Phase: 200V ~ 240V - 10% ~ 10% Three-Phase: 200V ~ 240V - 10% ~ 10% (In development) Three-Phase: 380V ~ 480V - 15% ~ 10% Three-Phase: 660V ~ 690V - 10% ~ 10% (In development)
Power Supply Frequency	50/60Hz ±5%
Power Range	0.75kW-1000kW
Overload Capacity	150% of rated current for 60 seconds
Analog Input	2 Channels: AI1 (0-10V/0-20mA/4-20mA), AI2 (0-10V/0-20mA/4-20mA)
Analog Output	2 Channels: AO1 (0-10V/0-20mA/4-20mA), AO2 (0-10V/0-20mA/4-20mA) Note: Models with Rack Size 5 and below are subject to 1-channel AO output.
Digital Input	7-Channel Programmable Digital Input (with a maximum input frequency of 1KHz and an internal impedance of 4.4KΩ) Note: Models with Rack Size 5 and below are subject to 5-channel programmable digital input.
Digital Output	1-Channel Programmable Open-Collector Logic Output (with a maximum current of 1.2mA when powered by internal supply and a maximum current of 200mA when powered by external supply) 1-Channel High-Speed Pulse Output (with a maximum frequency of 100kHz)
Relay Output	2-Channel Programmable Relay Output: TA1/NO1 Normally Open Contact; TB1/NC1 Normally Closed Contact; TC1/CM1 Common Terminal TB2/NO2 Normally Open Contact; TC2/CM2 Common Terminal Note: Models with Rack Size 5 and below are subject to 1-channel relay output.
Communication Interface	Modbus RTU Communication: A+/B-/485G
Expansion Interface	2 Expansion Interfaces: SLOT,SLOT2 Options: I/O expansion modules, speed feedback encoder modules, communication modules, etc.
Fieldbus Adapter Module	Profibus-DP, Profinet, EtherNET, EtherCAT, CANopen
I/O Expansion Module	4 Digital Inputs (including 1 high-speed input); 1 Digital Output; 1 Analog output; 1 Relay Output 1 Temperature Input (PT100/PT1000)
Display and Keyboard	LED for Parameter display, LCD(Optional) for Parameter Copy
Brake Unit	Standard built-in brake unit for 0.75-22kW Optional built-in brake unit for 30-160kW Optional external brake unit for above 160kW
DC Reactor	Standard Built-in DC reactor for 30KW and above
Installation Methods	Rail Mounting; Wall Mounting; Flange Mounting; Floor Standing
Cooling Method	Forced Air Cooling
Protection Level	IP20
Operating Temperature	-10°C ~ +50°C (derating is required for temperatures above 40°C, and derate by 1.5% for every 1°C higher than 40°C)
Storage Temperature	-20°C ~ +60°C
Compliance	IEC61800-5-1; GB12668
Harmonic Suppression	Meets IEC61800-2 requirements

▼ Terminal interface (30 kW above)

7 digital inputs
2 relay outputs

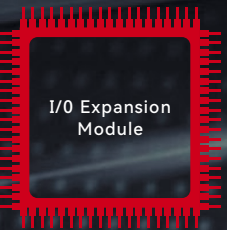
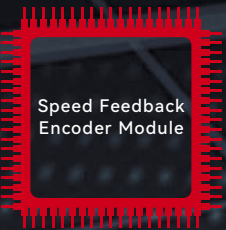
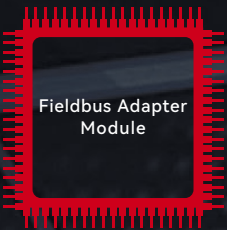
1 transistor output
1 high-speed pulse output

2 analog inputs
2 analog outputs

Standard Modbus RTU
communication interface

▼ Expandable Function

Dual expansion slot design, capable of meeting various application needs,supports optional modules



OPTIONAL
MODEL

Product	Type	Note
Communication expansion card	WD-PN01A	Profinet communication card
	WD-DP01A	PROFIBUS-DP communication card
	WD-EN01A	EtherNet communication card
	WD-EC01A	EtherCAT communication card
	WD-CAN01A	CANopen communication card
PG Card	WD-PG01A	ABZ PG card
	WD-PG02A	Resolver PG card
IO Expansion Card	WD-IO01A	IO expansion card
Keyboard and Display	WD-OP01A	LED display keypad
	WD-OP03A	LCD display keypad

More optional accessories will be available soon.



NAMING RULES

WD400 -T3 -011G -B

- Integrated Accessory
B- Braking Unit
(Standard Internal Unit for 0.75~22kW,Optional Internal Unit for 30~160kW, Optional External Unit)
- Power
011G-11kW
- Voltage
S-Single Phase; T-Three Phase
2-220V;3-380V;6-660V
- Product Series: WD400



Supply voltage:single-phase 200V~240V 50/60Hz

Motor			Power supply (input)	Frequency converter (output)		Model	Outer Dimensions			Installation Dimensions		
G: heavy load P: standard load	Rated power		Line current	Maximum Continuous Output Electric Current In	Maximum Instantaneous Current 1.5In (Heavy Load) 60s		W1	D1	H1	W2	H2	Aperture
	kW	HP										
G	0.75	1	8.2	4	6	WD400-S2-R75G-B	80	155	200	65	190	3-Ø5
G	1.5	2	14	7	10.5	WD400-S2-1R5G-B	80	155	200	65	190	3-Ø5
G	2.2	3	20	10	15	WD400-S2-2R2G-B	100	155	242	84	232	4-Ø5
G	4	5	32	16	24	WD400-S2-004G-B	100	155	242	84	232	4-Ø5

Supply voltage:three-phase 200V~240V 50/60Hz (In development)

Motor			Power supply (input)	Frequency converter (output)		Model	Outer Dimensions			Installation Dimensions		
G: heavy load P: standard load	Rated power		Line current	Maximum Continuous Output Electric Current In	Maximum Instantaneous Current 1.5In (Heavy Load) 60s		W1	D1	H1	W2	H2	Aperture
	kW	HP										
G	0.75	1	4.6	4	6	WD400-T2-R75G-B	80	155	200	65	190	3-Ø5
G	1.5	2	9	7	10.5	WD400-T2-1R5G-B	80	155	200	65	190	3-Ø5
G	2.2	3	11.4	10	15	WD400-T2-2R2G-B	100	155	242	84	232	4-Ø5
G	4	5	16.7	16	24	WD400-T2-004G-B	100	155	242	84	232	4-Ø5
G	5.5	7.5	32.2	20	30	WD400-T2-5R5G-B	116	175	320	98	308	4-Ø6
G	7.5	10	41.3	30	45	WD400-T2-7R5G-B	142	225	383	120	372	4-Ø6
G	11	15	59	42	63	WD400-T2-011G-B	142	225	383	120	372	4-Ø6
G	15	20	57	55	82.5	WD400-T2-015G-B	170	225	430	150	416	4-Ø6.5
G	18.5	25	69	70	105	WD400-T2-018G-B	170	225	430	150	416	4-Ø6.5
G	22	30	89	80	120	WD400-T2-022G-B	170	225	430	150	416	4-Ø6.5
G	30	40	106	110	165	WD400-T2-030G	240	310	560	176	545	4-Ø7
G	37	50	139	130	195	WD400-T2-037G	240	310	560	176	545	4-Ø7
G	45	60	164	160	240	WD400-T2-045G	240	310	560	176	545	4-Ø7
G	55	75	196	200	300	WD400-T2-055G	270	350	638	195	615	4-Ø10

Supply voltage:three-phase 380V~480V 50/60HZ

Motor			Power supply (input)	Frequency converter (output)			Model	Outer Dimensions			Installation Dimensions		
G: heavy load P: standard load	Rated power		Line current	Maximum Continuous Output Electric Current In	Maximum Instantaneous Current 1.5In (heavy Load) 60s	Maximum Instantaneous Current 12In (standard Load) 60s		W1	D1	H1	W2	H2	Aperture
	kW	HP	A	A	A	A		mm	mm	mm	mm	mm	mm
G	0.75	1	3.5	3	4.5	-	WD400-T3-R75G-B	80	155	200	65	190	3-Ø5
P	1.5	2	5	4	-	4.8							
G	1.5	2	5	4	6	-	WD400-T3-1R5G-B	80	155	200	65	190	3-Ø5
P	2.2	3	5.8	6	-	7.2							
G	2.2	3	5.8	6	9	-	WD400-T3-2R2G-B	80	155	200	65	190	3-Ø5
P	-	-	-	-	-	-							
G	4	5	11	10	15	-	WD400-T3-004G-B	100	155	242	84	232	4-Ø5
P	5.5	7.5	15	13	-	15.6							
G	5.5	7.5	15	13	19.5	-	WD400-T3-5R5G-B	100	155	242	84	232	4-Ø5
P	7.5	10	20	17	-	20.4							
G	7.5	10	20	17	25.5	-	WD400-T3-7R5G-B	116	175	320	98	308	4-Ø6
P	11	15	26	25	-	30							
G	11	15	26	25	37.5	-	WD400-T3-011G-B	116	175	320	98	308	4-Ø6
P	15	20	35	32	-	38.4							
G	15	20	35	32	48	-	WD400-T3-015G-B	142	225	383	120	372	4-Ø6
P	18.5	25	39	38	-	45.6							
G	18.5	25	39	38	57	-	WD400-T3-018G-B	142	225	383	120	372	4-Ø6
P	22	30	46	45	-	54							
G	22	30	46	45	67.5	-	WD400-T3-022G-B	142	225	383	120	372	4-Ø6
P	30	40	62	60	-	72							
G	30	40	62	60	90	-	WD400-T3-030G	170	225	430	150	416	4-Ø6.5
P	37	50	76	75	-	90							
G	37	50	76	75	112.5	-	WD400-T3-037G	170	225	430	150	416	4-Ø6.5
P	45	60	90	90	-	108							
G	45	60	90	90	135	-	WD400-T3-045G	240	310	560	176	545	4-Ø7
P	55	75	105	110	-	132							
G	55	75	105	110	165	-	WD400-T3-055G	240	310	560	176	545	4-Ø7
P	75	100	140	150	-	180							
G	75	100	140	150	225	-	WD400-T3-075G	240	310	560	176	545	4-Ø7
P	90	125	160	180	-	216							
G	90	125	160	180	270	-	WD400-T3-090G	270	350	638	195	615	4-Ø10
P	110	150	210	210	-	252							
G	110	150	210	210	315	-	WD400-T3-110G	270	350	638	195	615	4-Ø10
P	132	200	240	250	-	300							
G	132	200	240	250	375	-	WD400-T3-132G	350	390	735	220	715	4-Ø10
P	160	250	290	310	-	372							
G	160	250	290	310	465	-	WD400-T3-160G	350	390	735	220	715	4-Ø10
P	185	-	330	340	-	408							
G	185	-	330	340	510	-	WD400-T3-185G	360	485	942	200	890	4-Ø12
P	200	275	370	380	-	456							
G	200	275	370	380	570	-	WD400-T3-200G	360	485	942	200	890	4-Ø12
P	220	300	410	415	-	498							
G	220	300	410	415	622.5	-	WD400-T3-220G	360	485	942	200	890	4-Ø12
P	250	340	460	470	-	564							
G	250	340	460	470	705	-	WD400-T3-250G	370	545	1127	200	1075	4-Ø20
P	280	380	500	510	-	612							
G	280	380	500	510	765	-	WD400-T3-280G	370	545	1127	200	1075	4-Ø20
P	315	430	580	600	-	720							
G	315	430	580	600	900	-	WD400-T3-315G	400	545	1212	240	1147	4-Ø20
P	355	485	620	670	-	804							
G	355	485	620	670	1005	-	WD400-T3-355G	400	545	1212	240	1147	4-Ø20
P	400	545	670	750	-	900							
G	400	545	670	750	1125	-	WD400-T3-400G	400	545	1212	240	1147	4-Ø20
P	450	600	780	800	-	960							
G	450	600	780	800	1200	-	WD400-T3-450G	460	545	1400	300	1340	4-Ø20
P	500	675	835	860	-	1032							
G	500	675	835	860	1290	-	WD400-T3-500G	460	545	1400	300	1340	4-Ø20
P	560	750	920	990	-	1188							
G	560	750	920	990	1485	-	WD400-T3-560G	460	545	1400	300	1340	4-Ø20
P	630	850	1050	1100	-	1320							
G	630	850	1050	1200	1800	-	WD400-T3-630G	825	635	1920	600	560	4-Ø14
P	710	950	1301	1340	-	1608							
G	710	950	1301	1340	2010	-	WD400-T3-710G	825	635	1920	600	560	4-Ø14
P	800	1080	1466	1500	-	1800							
G	800	1080	1466	1500	2250	-	WD400-T3-800G	1200	800	2200	520	494	10-Ø14
P	900	1215	1649	1620	-	1944							
G	900	1215	1649	1620	2430	-	WD400-T3-900G	1200	800	2200	520	494	10-Ø14
P	1000	1350	1832	1720	-	2064							
G	1000	1350	1832	1720	2580	-	WD400-T3-1000G	1200	800	2200	520	494	10-Ø14

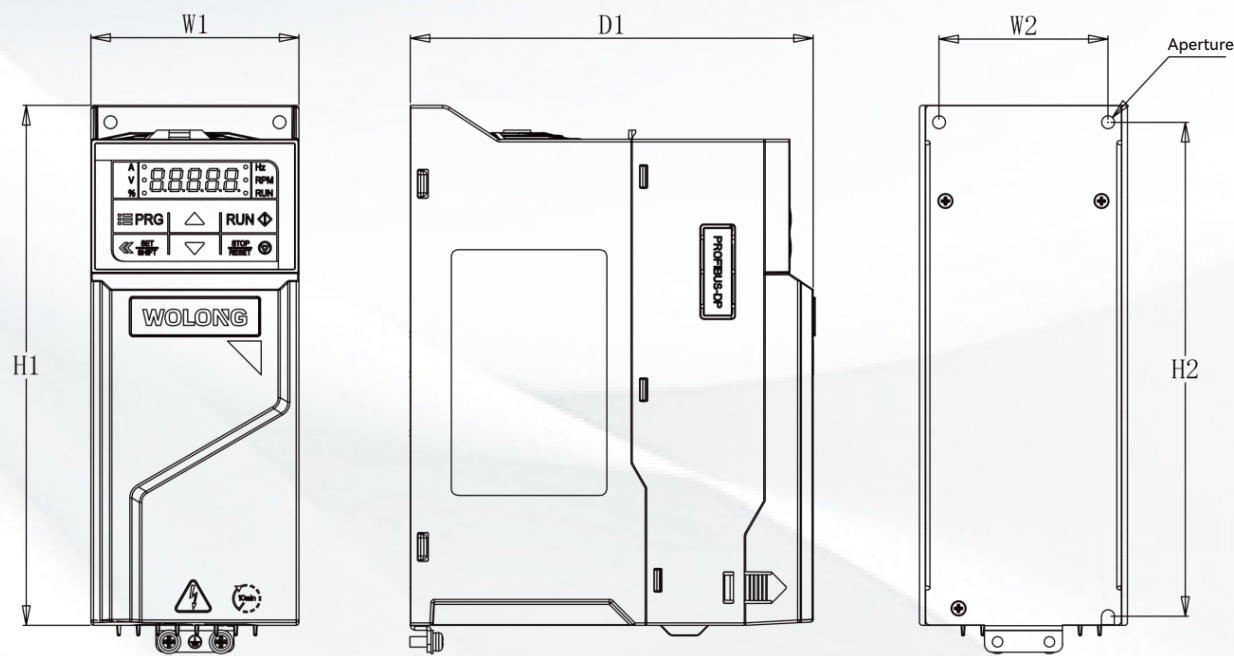
WD400-T3-630G and above models are cabinet-type inverters; the installation dimensions refer to the cutout dimensions of the cabinet base.

Supply voltage:three-phase 660V~690V 50/60HZ (In development)

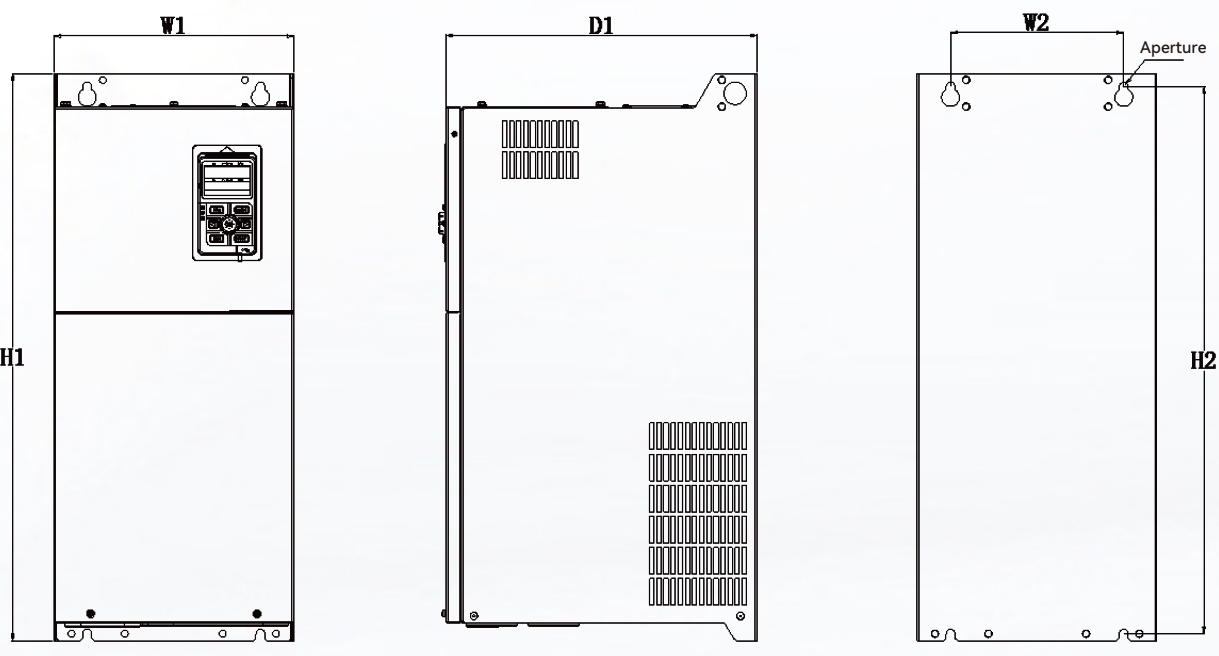
Motor			Power supply (input)	Frequency converter (output)			Model	Outer Dimensions			Installation Dimensions		
G: heavy load P: standard load	Rated power		Line current	Maximum Continuous Output Electric Current In	Maximum Instantaneous Current 1.5In (heavy Load) 60s	Maximum Instantaneous Current 12In (standard Load) 60s		W1	D1	H1	W2	H2	Aperture
	kW	HP	A	A	A	A		mm	mm	mm	mm	mm	mm
G	22	30	40	28	42	-	WD400-T6-022G	240	310	560	176	545	4-Ø7
P	30	40	47	35	-	42							
G	30	40	47	35	52.5	-	WD400-T6-030G	240	310	560	176	545	4-Ø7
P	37	50	55	45	-	54							
G	37	50	55	45	67.5	-	WD400-T6-037G	240	310	560	176	545	4-Ø7
P	45	60	65	52	-	62							
G	45	60	65	52	78	-	WD400-T6-045G	240	310	560	176	545	4-Ø7
P	55	75	85	63	-	76							
G	55	75	85	63	94.5	-	WD400-T6-055G	240	310	560	176	545	4-Ø7
P	75	100	95	86	-	103							
G	75	100	95	86	129	-	WD400-T6-075G	240	310	560	176	545	4-Ø7
P	90	125	100	98	-	118							
G	90	125	100	98	147	-	WD400-T6-090G	270	350	638	195	615	4-Ø10
P	110	150	118	121	-	145							
G	110	150	118	121	181.5	-	WD400-T6-110G	270	350	638	195	615	4-Ø10
P	132	200	145	150	-	180							
G	132	200	145	150	225	-	WD400-T6-132G	350	390	735	220	715	4-Ø10
P	160	250	165	175	-	210							
G	160	250	165	175	262.5	-	WD400-T6-160G	350	390	735	220	715	4-Ø10
P	185	-	190	198	-	238							
G	185	-	190	198	297	-	WD400-T6-185G	360	485	942	200	890	4-Ø12
P	200	275	210	218	-	262							
G	200	275	210	218	327	-	WD400-T6-200G	360	485	942	200	890	4-Ø12
P	220	300	230	235	-	282							
G	220	300	230	235	352.5	-	WD400-T6-220G	360	485	942	200	890	4-Ø12
P	250	340	255	270	-	324							
G	250	340	255	270	405	-	WD400-T6-250G	370	545	1127	200	1075	4-Ø20
P	280	380	290	330	-	396							
G	280	380	290	330	495	-	WD400-T6-280G	370	545	1127	200	1075	4-Ø20
P	315	430	340	345	-	414							
G	315	430	340	345	517.5	-	WD400-T6-315G	400	545	1212	240	1147	4-Ø20
P	355	485	380	380	-	456							
G	355	485	380	380	570	-	WD400-T6-355G	400	545	1212	240	1147	4-Ø20
P	400	545	410	430	-	516							
G	400	545	410	430	645	-	WD400-T6-400G	400	545	1212	240	1147	4-Ø20
P	450	600	460	466	-	559							
G	450	600	460	466	699	-	WD400-T6-450G	460	545	1400	300	1340	4-Ø20
P	500	675	520	540	-	648							
G	500	675	520	540	810	-	WD400-T6-500G	460	545	1400	300	1340	4-Ø20
P	560	750	580	600	-	720							
G	560	750	580	600	900	-	WD400-T6-560G	460	545	1400	300	1340	4-Ø20
P	630	850	660	690	-	828							
G	630	850	660	690	1035	-	WD400-T6-630G	825	635	1920	600	560	4-Ø14
P	710	950	730	760	-	912							
G	710	950	730	760	1140	-	WD400-T6-710G	825	635	1920	600	560	4-Ø14
P	800	1080	807	860	-	1032							
G	800	1080	807	860	1290	-	WD400-T6-800G	1200	800	2200	520	494	10-Ø14
P	900	1215	908	932	-	1118							
G	900	1215	908	932	1398	-	WD400-T6-900G	1200	800	2200	520	494	10-Ø14
P	1000	1350	1009	1040	-	1248							
G	1000	1350	1009	1040	1560	-	WD400-T6-1000G	1200	800	2200	520	494	10-Ø14

OUTLINE
DIAGRAM

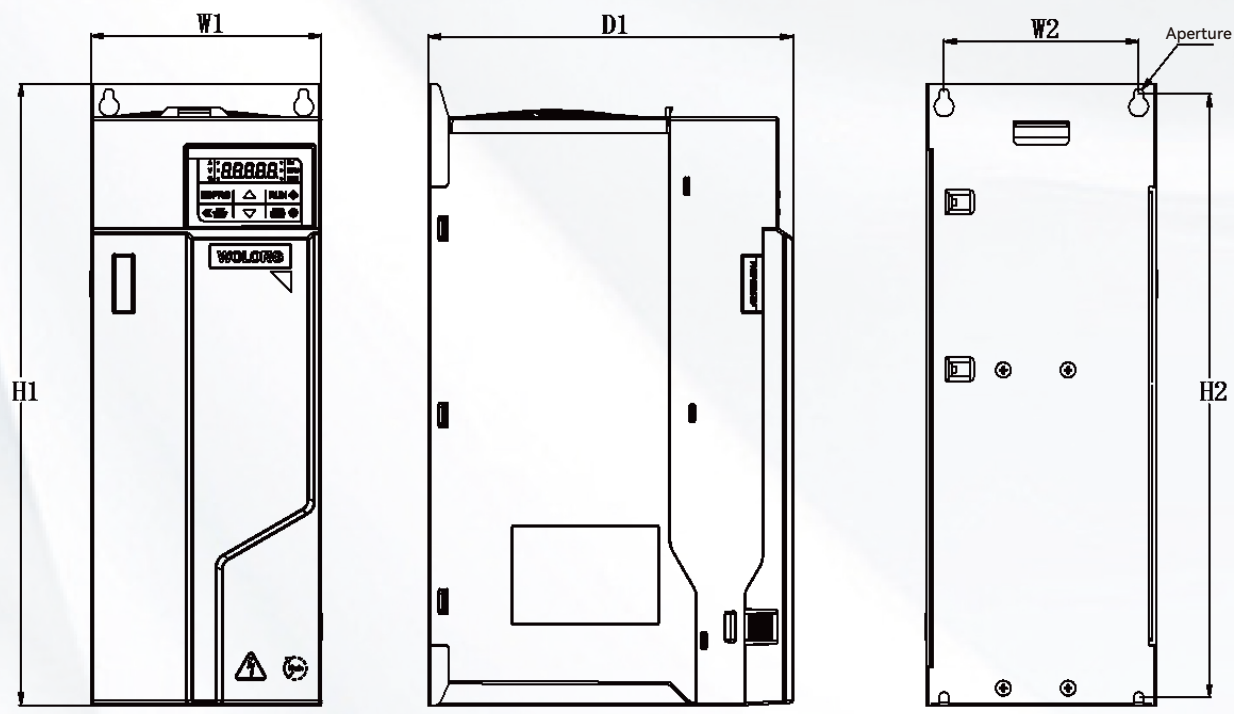
▼ WD400 Rack Size 1



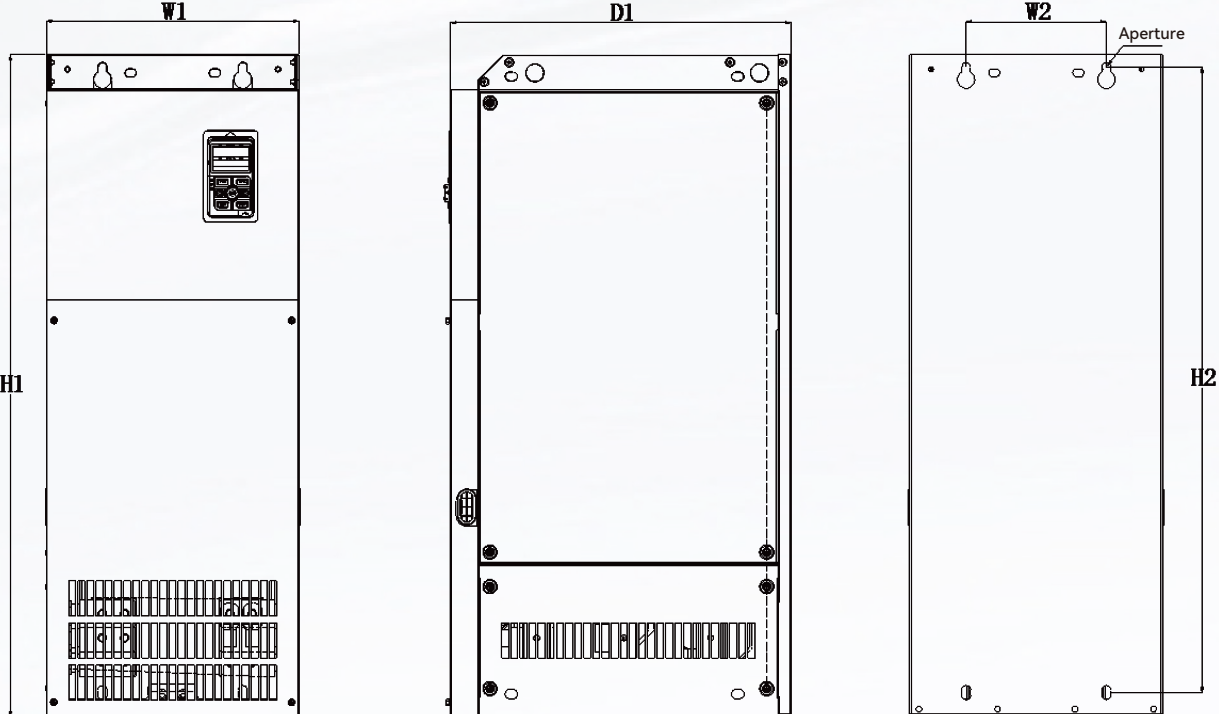
▼ WD400 Rack Size 6 ~ 8



▼ WD400 Rack Size 2 ~ 5

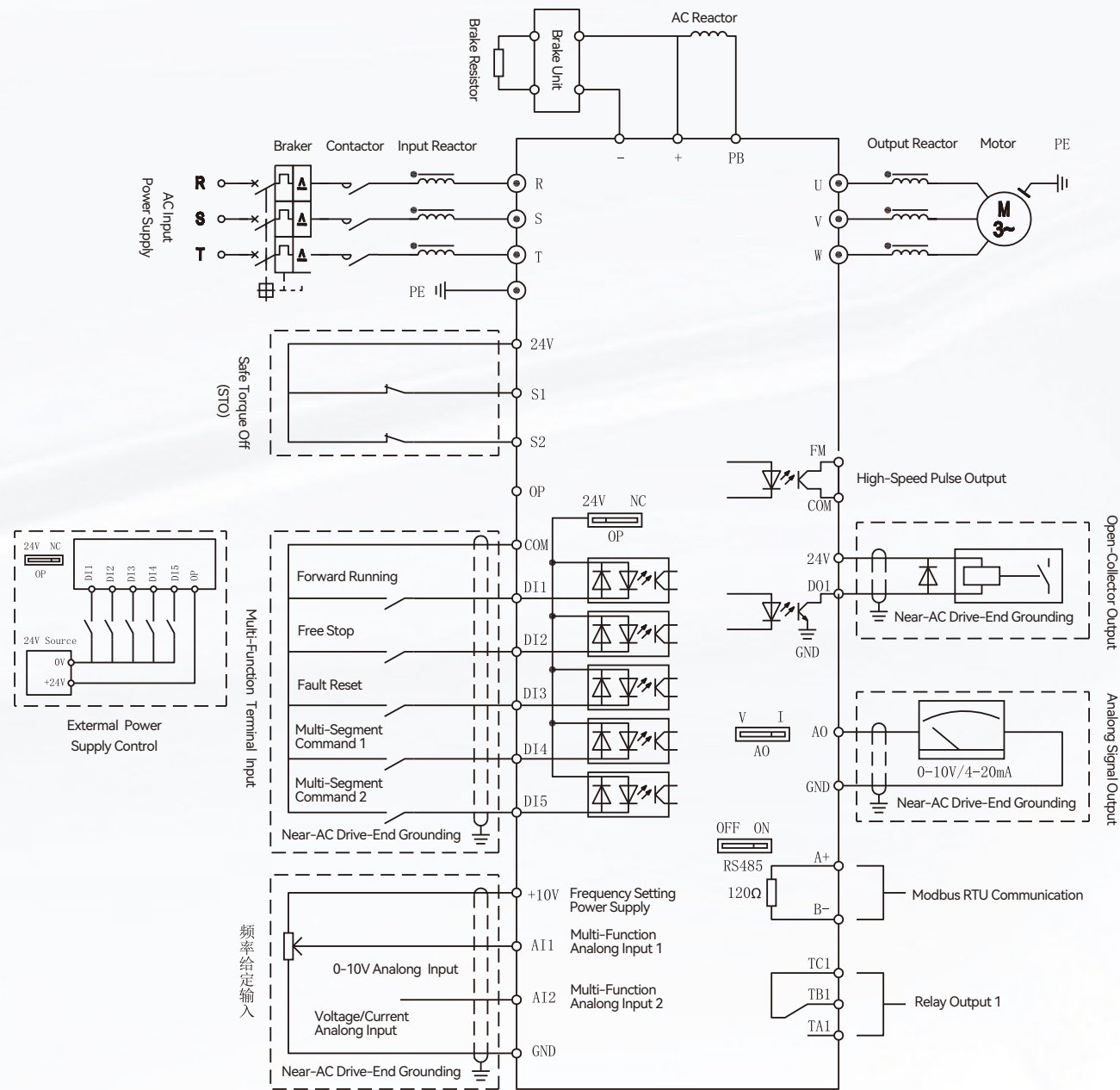


▼ WD400 Rack Size 9 ~ 12

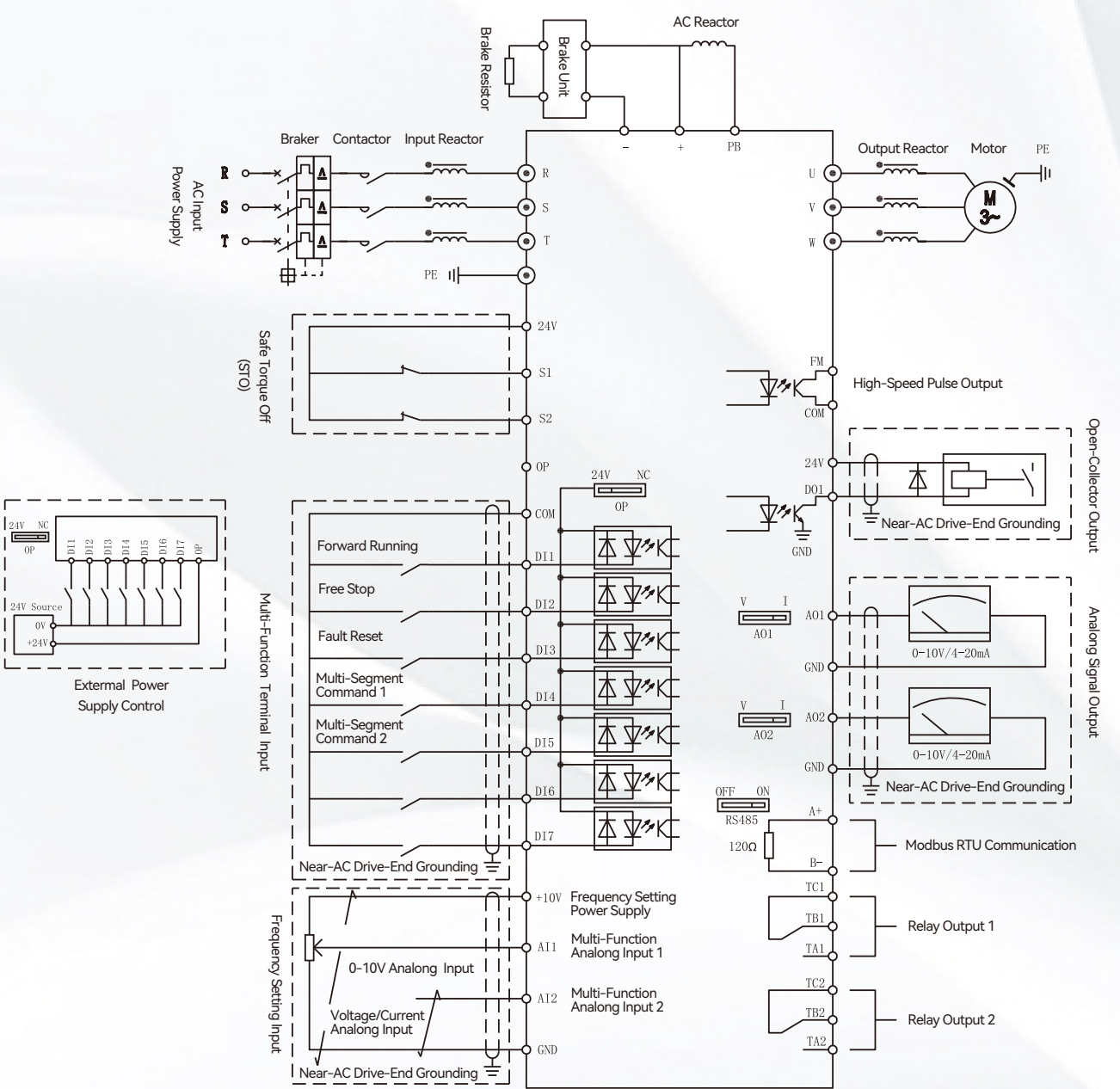


TERMINAL CONNECTION DIAGRAM

WIRING DIAGRAM FOR RACK SIZES 1 ~ 5



WIRING DIAGRAM FOR RACK SIZES 6 ~ 13



Note: Rack Sizes 9 ~ 13 are not provided with a "PB" terminal.