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# JT550

## Series High Performance Vector Control Inverter

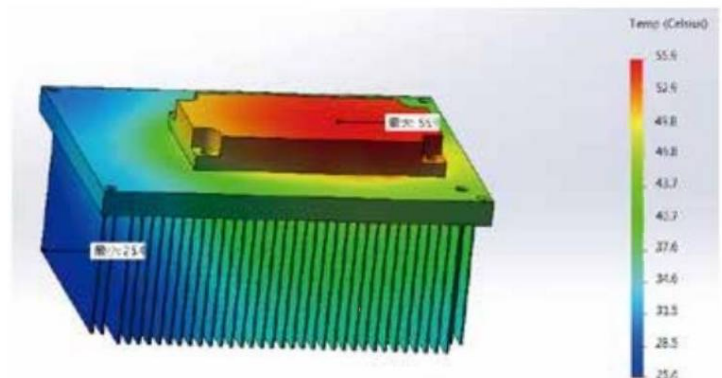


JT550 series inverter is a high-performance vector and torque control inverter. With the speed sensorless vector control technology and torque control technology that is synchronized with the current international leading technology, it not only has the same excellent control performance as the international high-end inverter but also further strengthens the reliability of the product and the adaptability of the environment. Its customized and industrialized design can better meet the needs of various transmission applications as well.

### Features

#### ■ Industry-leading thermal simulation design

With the industry's advanced tools and technologies, scientifically conduct a comprehensive and efficient thermal simulation of products to ensure scientific and reasonable product design



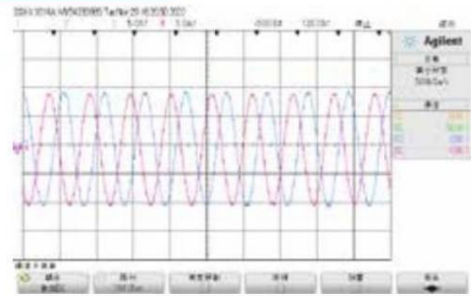
#### ■ Independent Air Duct Design

The air duct is independently designed to effectively improve the heat dissipation efficiency; at the same time, it can effectively prevent foreign objects from entering the inverter and causing short circuits and other faults.



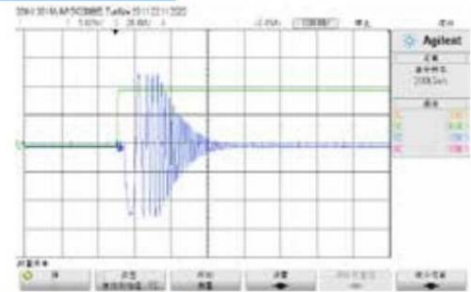
## ■ High precision of stable speed and wide range of speed regulation

Precision of stable speed:  $\pm 0.5\%$  (SVC) 、  $\pm 0.2\%$  (FVC)  
Speed range: 1:100 (SVC) 、 1:1000 (FVC)  
Overload capacity: 150% rated current for 60s;  
180% rated current for 3s



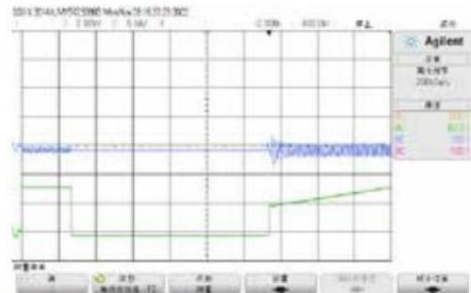
## · zero-speed start

Super-short acceleration time, the acceleration time can be automatically adjusted according to the drive, and can reach the rated speed within 0.2s and run stably



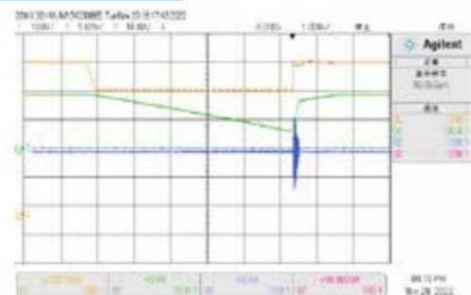
## · Speed Tracking Restart

The device can be restarted by speed tracking when the motor is still at the initial speed and can realize non-disturbance start at any speed. This method avoids the dissipation of motor energy, simplifies the process, and saves energy.



## · Non-stop function

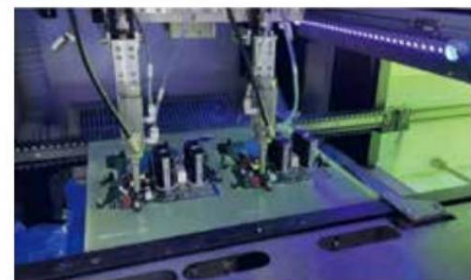
If there is a sudden power failure, the device will not stop. The bus voltage threshold can be preset. If low bus voltage is detected, it can be kept constant by reducing speed and generating power to ensure that the device does not stall and report an error. After the power supply returns to normal, the device can continue to operate.



## Full protection

### · Three-proof paint automatic spraying process

Environmentally friendly and high-quality three-proof paint is used to strengthen the product's tolerance to the environment; the automatic spraying process ensures that the printed circuit board is sprayed evenly.



### ■ Perfect protection

Output-to-ground short-circuit protection, over-current protection, inverter overload protection, motor overload protection, inverter over-temperature protection, etc.



## Technical Specifications

Item	Specification	
Maximum frequency	320Hz	
Carrier frequency	0.5kHz~16.0kHz The carrier frequency is automatically adjusted based on the temperature	
Input frequency resolution	Digital setting:0.01Hz Analog setting:maximum frequency*0.025%	
Control mode	Voltage/Frequency(V/F) control SVC: Sensorless Vector Control FVC: Feedback Vector Control	
Startup torque	G type: 0.5Hz/150% (SVC); 0Hz/180% (FVC) P type: 0.5Hz/100%	
Speed range	1:100(SVC)	1:1000(FVC)
Speed stability accuracy	±0.5%(SVC)	±0.02%(FVC)
Torque control accuracy	FVC: ±3%; SVC: ±5% above 5Hz	
Overload capacity	G type: 60s for 150% of rated current and 3s for 180% of rated current P type: 60s for 120% of rated current and 3s for 150% of rated current	
Torque boost	Automatic torque boost Manual torque boost 0.1%~30.0%	
V/F curve	Straight-line V/F curve Multi-point V/F curve N <sup>h</sup> power V/F curve (1.2 power, 1.4 power, 1.6 power, 1.8 power, 2 power)	
Ramp mode	Straight-line ramp S-curve ramp Four groups of acceleration/deceleration time with the range of 0.0-6500.0s	
DC braking	DC braking frequency: 0.00Hz to max.frequency Braking time: 0.0-100.0s Braking action current value: 0.0%~100.0%	
JOG control	JOG frequency range: 0.00-50.00 Hz JOG acceleration/deceleration time: 0.0-6500.0s	
Simple PLC, multiply speed running	The system implements up to 16 speeds by using simple PLC function or by using digital input signals.	
Onboard PID	It implements the closed-loop process control system easily.	
Auto voltage regulation (AVR)	The system maintains a constant output voltage automatically when the grid voltage changes through the permissible range.	
Over-voltage& Over-current stall control	The current and voltage are limited automatically during the running process so as to avoid frequent tripping due to over-voltage and over-current.	
Rapid current limit	It decreases the over-current faults to the minimum and ensures normal running of the AC drive.	
Torque limit and control	In speed control mode, the torque is automatically limited (can be set) to prevent frequent over-current trips; in vector control mode, torque control can be realized.	

Standard functions

Individualized functions	High performance	Realize asynchronous motor control with high-performance current vector control technology
	Power dip ride-through	In the case of instantaneous power failure, the load feedback energy is used to compensate for the drop in voltage, and to maintain the inverter to continue running in a short time
	Timing control	Time range: 0.0-6500.0 minutes
	RS-485 bus support	Modbus-RTU protocol
Running	Running command source	Operation panel control Terminal control Communication control Allows different methods of switching between command sources:
	Frequency setting channel	Digital setting, analog voltage setting, analog current setting, pulse setting, serial port setting. Allows different methods of switching.
	Auxiliary frequency setting channel	Digital setting, analog voltage setting, analog current setting, pulse setting, serial port setting. Auxiliary frequency fine-tuning and frequency synthesis can be flexibly realized.
	Input terminals	5 digital input (DI) terminals, X5 supports up to 100 kHz high-speed pulse input; 2 analog input (AI) terminals, AH & AI2 support 0-10V voltage input or 0~20mA current input.
	Output terminals	1 high-speed pulse output terminal, supporting 0~100kHz high-speed pulse output 1 digital output terminal; 2 relay output terminals 2 analog output terminals, support 0~20mA current output or 0-10V voltage output
Display & operate panel	LED display	Display parameters (three display modes: Basic mode, Quick menu mode, Non-factory value mode).
	Protection function	Power-on motor short circuit detection, input and output phase loss protection, over-current protection, over-voltage protection, under-voltage protection, overheat protection, overload protection, etc.
	Optional parts	Braking unit, IO expansion card, RS485 communication card, differential input PG card, OC input PG card, sin/cos PG card
Environment	Installation location	Indoor, free from direct sunlight, dust, corrosive gas, combustible gas, oil smoke, vapour, drip or salt.
	Altitude	Lower than 1000 m (Derate if higher than 1000 m, for every 100m rise, the rated output current will be reduced by 1 %)
	Ambient temperature	-10°C to +40°C (Derate if the ambient temperature is between 40°C and 50°C, for every 1°C increase, the rated output current will be reduced by 1%).
	Humidity	Less than 95%RH, without condensing
	Vibration	Less than 5.9 m/s <sup>2</sup> (0.6 g)
	Storage temperature	—20°C~+60°C

## Model Description ◀

JT550 - T3 - 011G / 015P B		
® @ (3) @®		
(D Inverter series		(3) Heavy Load011:11 kW
(?) Voltage Class:	S2: AC Single-phase 220V	® Light load015:15kW
	T3: AC Three-phase 380V	® With Built-in Braking Unit: B: Yes    Blank: No

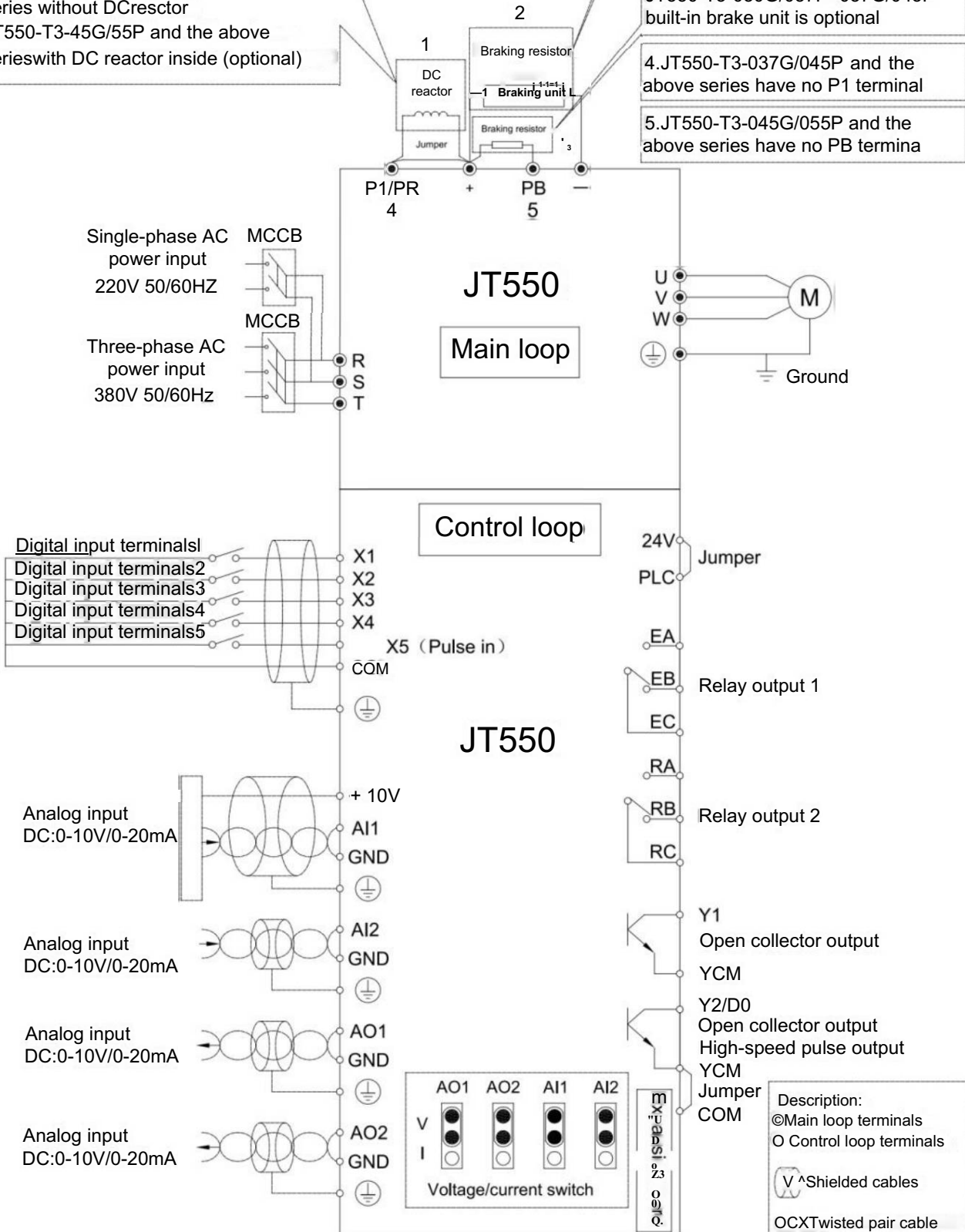
## Technical Parameters

Product Model	Power Capacity kVA	Input Current A	Output Current A	Motor (kW) (HP)	
Three-phase: 380V, 50/60Hz					
JT550-T3-0R7G/1R5PB	1.5	3.4	2.1	0.75	1
JT550-T3-1R5G/2R2PB	3	5	3.8	1.5	2
JT550-T3-2R2G/4R0PB	4	5.8	5.1	2.2	3
JT550-T3-4R0G/5R5PB	5.9	10.5	9	3.7	5
JT550-T3-5R5G/7R5PB	8.9	14.6	13	5.5	7.5
JT550-T3-7R5G/011PB	11	20.5	17	7.5	10
JT550-T3-011G/015PB	17	26	25	11	15
JT550-T3-015G/018PB	21	35	32	15	20
JT550-T3-018G/022PB	24	38.5	37	18.5	25
JT550-T3-022G/030PB	30	46.5	45	22	30
JT550-T3-030G/037P	40	62	60	30	40
JT550-T3-037G/045P	57	76	75	37	50
JT550-T3-045G/055P	69	92	91	45	60
JT550-T3-055G/075P	85	113	112	55	75
JT550-T3-075G/090P	114	157	150	75	100
JT550-T3-090G/110P	134	180	176	90	125
JT550-T3-110G/132P	160	214	210	110	150
JT550-T3-160G/200P	231	307	304	160	210
JT550-T3-200G/220P	250	385	377	200	270
JT550-T3-220G/250P	280	430	426	220	300
JT550-T3-250G/280P	355	468	465	250	335
JT550-T3-280G/315P	396	525	520	280	380
JT550-T3-315G/355P	445	590	585	315	420
JT550-T3-355G/400P	500	665	650	355	470
JT550-T3-400G/450P	565	785	725	400	530
JT550-T3-450G	630	883	820	450	600
JT550-T3-500G	766	838	900	500	670
JT550-T3-560G	868	950	1020	560	750
JT550-T3-630G	957	1043	1120	630	840
JT550-T3-710G	1071	1171	1260	710	950

# General wiring diagram

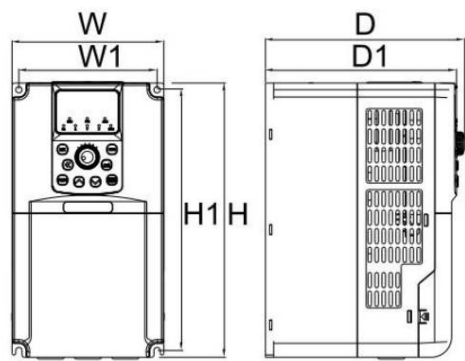
1. JT550-T3-045G/055P-132G/160P  
The jumper bar across terminals P1 and (+) must be removed when DC reactor is outside  
Notes:  
JT550-T3-037G/45P and the below series without DC reactor  
JT550-T3-45G/55P and the above series with DC reactor inside (optional)

2. JT550-T3-045G/055P-710G need to connect with braking unit and braking resistor outside  
3. JT550-T3-0R4G-022G/030PB with braking unit inside, just need to connect with braking resistor  
JT550-T3-030G/037P~037G/045P built-in brake unit is optional  
4. JT550-T3-037G/045P and the above series have no P1 terminal  
5. JT550-T3-045G/055P and the above series have no PB terminal

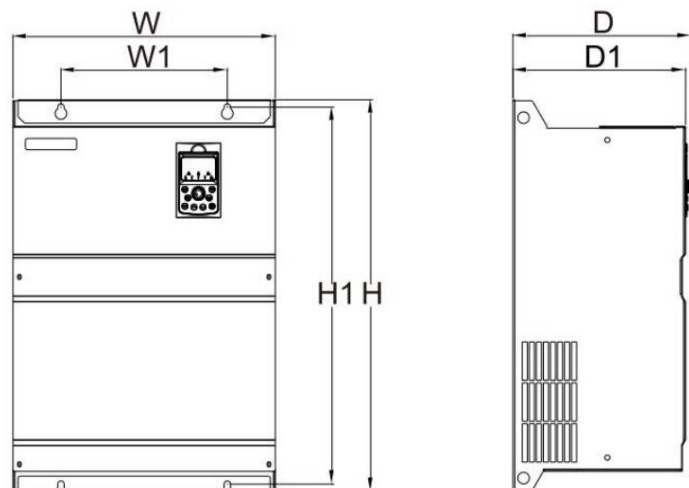




Appearance and Dimensions

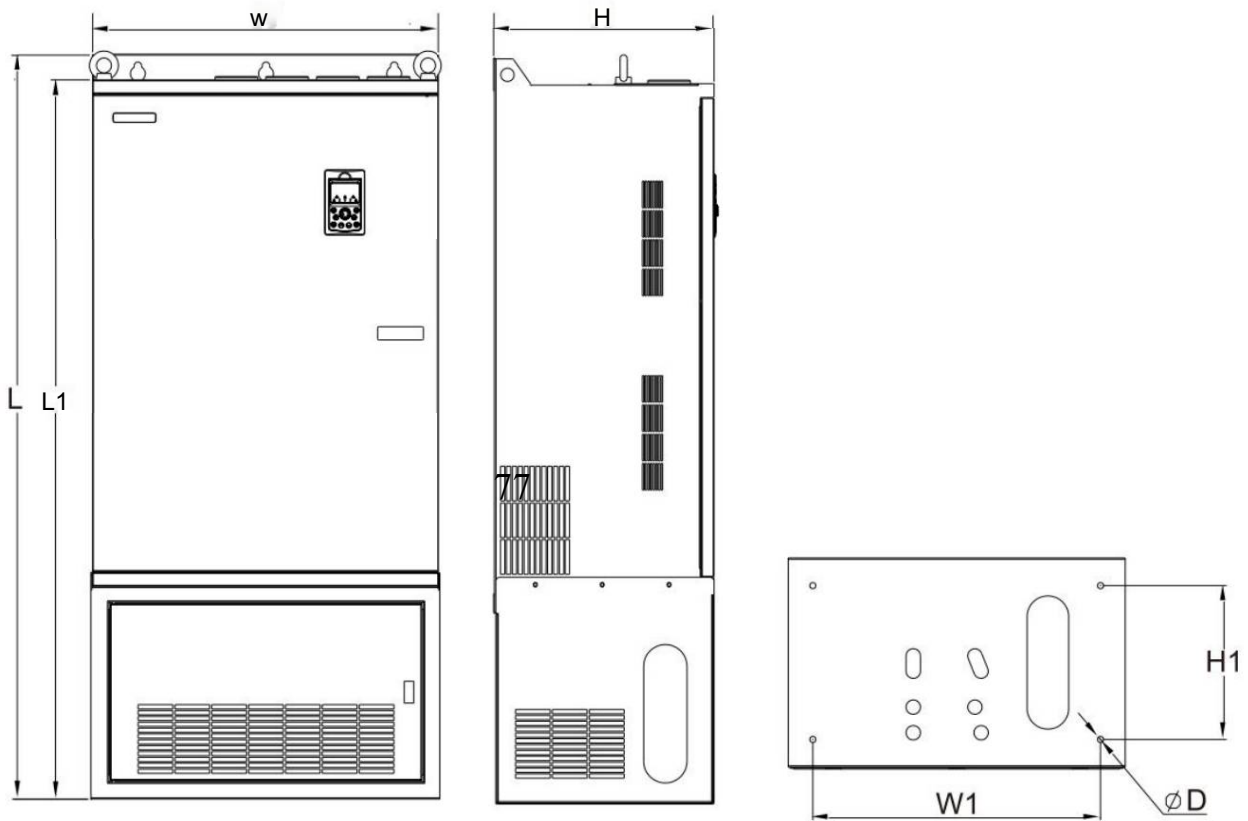


Installation Dimensions of Plastic Case Inverter













Installation Dimensions of Metal Case Inverter

Model	Dimensions(mm)		Mounting Holes Position(mm)				Diameter of Mounting Holes
	W1	H1	H	W	D1	D	
JT550-S2-0R7GB	71.5	121.5	132	80	105.5	114.6	<p4.5
JT550-S2-1R5GB							
JT550-S2-2R2GB	88.4	168.4	180	100	152	159	<p5.5
JT550-T3-0R7G/1R5PB							
JT550-T3-1R5G/2R2PB							
JT550-T3-2R2G/4R0PB	118.4	224.5	236	130	163.5	170.5	<p5.5
JT550-T3-4R0G/5R5PB							
JT550-T3-5R5G/7R5PB							
JT550-T3-7R5G/011 PB	141	243	260	155	175	182	97
JT550-T3-011G/015PB							
JT550-T3-015G/018PB	190	273.5	291.5	197	175	182	<p6
JT550-T3-018G/022PB							
JT550-T3-022G/030PB							
JT550-T3-030G/037P	220	392	405	253	180	187	cp7
JT550-T3-037G/045P							
JT550-T3-045G/055P	260	555	575	340	250	259	cp10
JT550-T3-055G/075P							
JT550-T3-075G/090P	260	590	610	410	270	279	cp10
JT550-T3-090G/110P							
JT550-T3-110G/132P	320	690	720	455	325	334	cp12
JT550-T3-132G/160P							
JT550-T3-160G/185P							
JT550-T3-200G/220P	360	845	880	053	367	376	(p14
JT550-T3-220G/250P							
JT550-T3-250G/280P	480	1005	1040	650	411	420	<p14
JT550-T3-280G/315P							
JT550-T3-315G/355P	600	1252	1300	815	427	436	<p14
JT550-T3-355G/400P							
JT550-T3-400G/450P							
JT550-T3-450G							



Model	Dimensions(mm)				Mounting Holes Position(mmn)		Diameter of Mounting Holes
	H	W	L	L1	H1	W1	
JT550-T3-045G/055P	249	340	850	810	180	280	cp12
JT550-T3-055G/075P							
JT550-T3-075G/090P	265	416	880	840	190	350	<p10
JT550-T3-090G/110P							
JT550-T3-110G/132P	327	461	980	935	220	380	cp12
JT550-T3-132G/160P							
JT550-T3-160G/185P							
JT550-T3-200G/220P	367	536	1190	1142	290	460	<p12
JT550-T3-220G/250P							
JT550-T3-250G/280P	412	656	1400	1354	300	560	<p12
JT550-T3-280G/315P							
JT550-T3-315G/400P	428	815	1757	1702	300	730	<p12
JT550-T3-400G/450P							
JT550-T3-450G	600	1150	1900	/	480	1050	<p18
JT550-T3-500G							
JT550-T3-560G							
JT550-T3-630G	600	1310	2208	/	480	1210	<p18
JT550-T3-710G							

# Expansion card selection

Model	Suitable for	Name	Function Description	Picture
A00E01	All	485 communication card	Expand RS485 interface, support MODBUS communication protocol, inverter is a slave	
A00E02	All	OC output PG card	Corresponding to OC output encoders	
A00E05	All	I/O expansion card	Expand 5 digital inputs, support sink and source wiring methods, support external power supply	
A00E08	All	Resolver PG Card	Resolver Expansion Card	
A00E12	All	Injection molding machine current adapter card	Support proportional pressure and proportional flow input, support input signal 0-1 A, 0-2A, support one-key touch screen parameter setting	
A00E13	All	485+3I expansion card	Expand RS485 interface, support MODBUS communication protocol, inverter is a slave, expand 3 digital inputs	
A00E15	All	485+differential output expansion card	Corresponding to differential output encoder, 485 communication	
A00E18	All	Dual PT100 motor temperature acquisition card	Collect motor temperature	
A00E19	All	Rotary Encoder Expansion Card	Resolver Expansion Card	
A00E20	All	485+3DI expansion card	Expand RS485 interface, support MODBUS communication protocol, inverter is a slave, expand 3 digital inputs	

# JT300 Series Economic Inverter

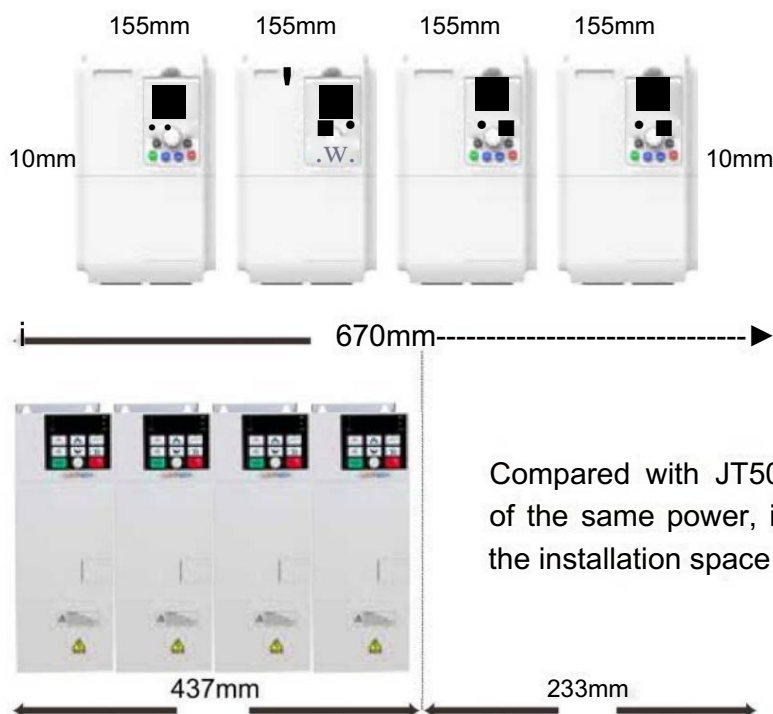


JT300 adopts a slim book-style body design, a brand-new structural layout, the volume is reduced by 50%, and the power distribution cost is saved by 50%. Its independent air duct which is directly connected up and down can achieve efficient heat dissipation. JT300 can be installed side by side to make full use of the space and greatly reduce the cost of the electric cabinet; its excellent control algorithm, rich hardware interfaces and software functions can realize all-round protection and improve product reliability.

## Structural features

### ■ Smart and compact

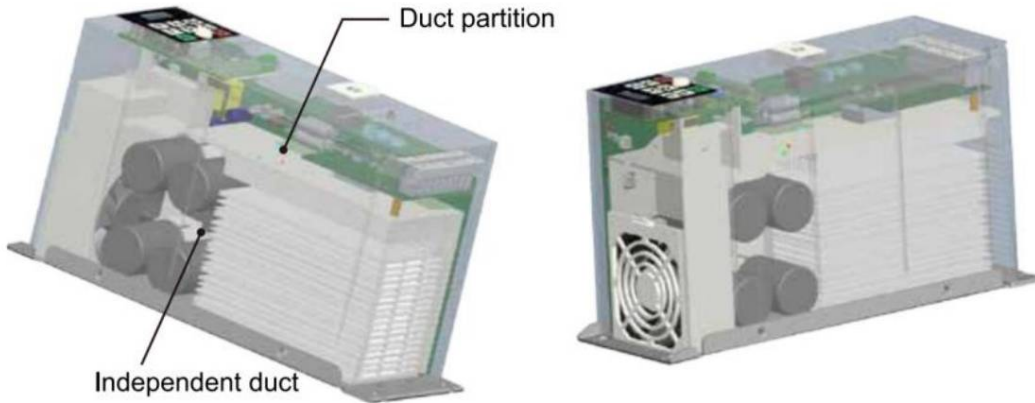
Compact structure, supporting side-by-side installation, saving installation space and reducing the cost of the cabinet



•Protection Design

High protection: completely independent air duct, scientific layout inside the inverter, considering heat dissipation of high power consumption devices and dust-proof for sensitive devices

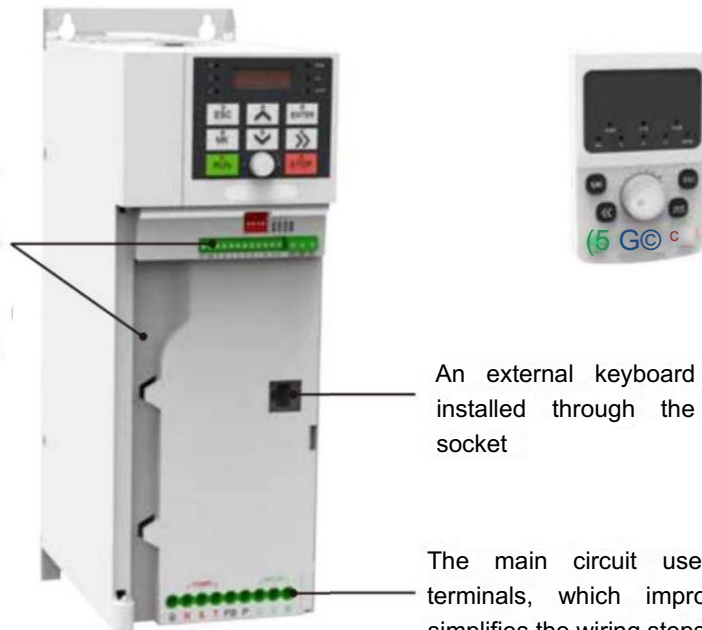
High temperature resistance: scientific air duct design can quickly dissipate heat. With the low-temperature rise, JT300 can work without derating at an ambient temperature of 50°C.



\* Rich interface

JT300 series is equipped with 485 communication as standard; 4 multifunctional digital input terminals; relay output & input, analog output & input; supporting both voltage and current type; simple terminal layout and crafted overall style

The wiring trough for the control wire is designed on the side of the control terminal to ensure the beauty of the wiring when used in a cabinet or as a single inverter



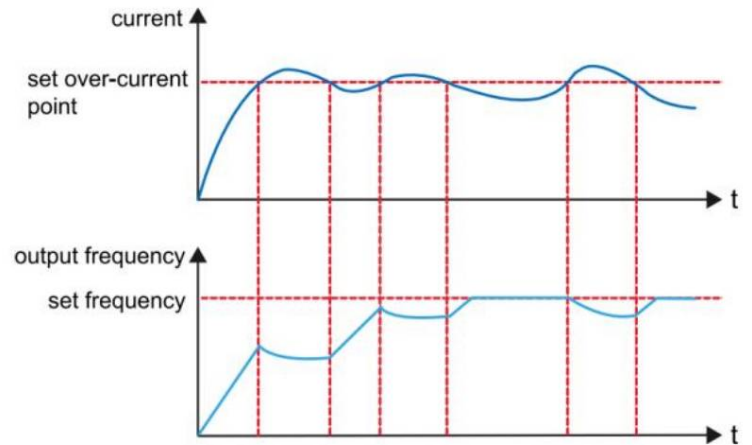
An external keyboard can be installed through the network socket

The main circuit uses European-style terminals, which improves safety and simplifies the wiring steps

## Features

### ■ Comprehensive and reliable software and hardware protection

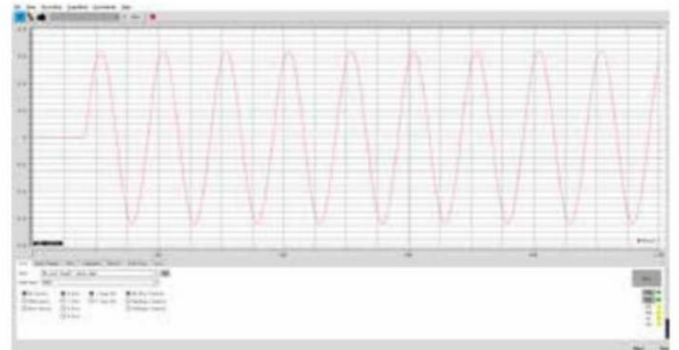
Accurate and comprehensive software and hardware protection ensure stable and reliable operation of the system, and accurate fault information output can locate and solve problems more quickly.



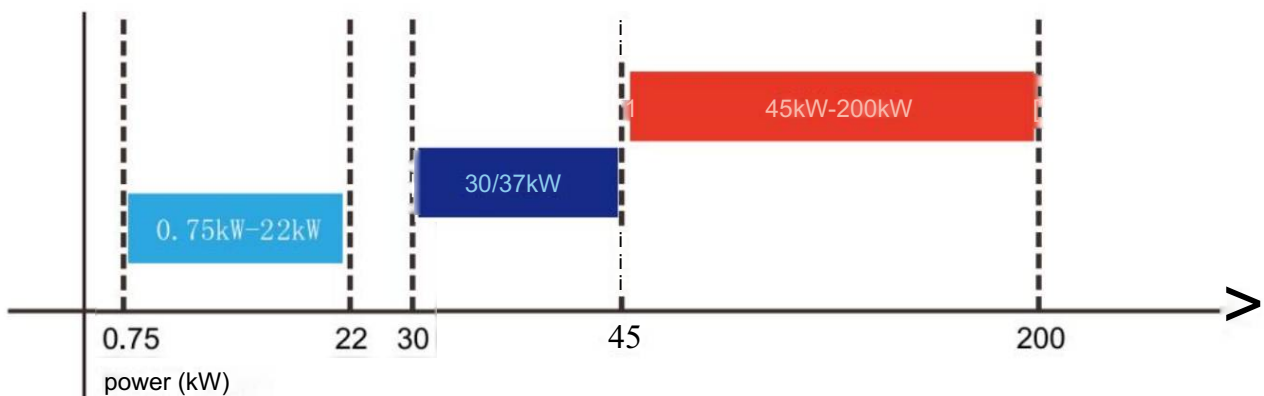
The inverter will automatically adjust the operating frequency if the set protection current value is exceeded

### • virtual oscilloscope

With the virtual oscilloscope software which can monitor four parameters at the same time, users can monitor the operating parameters on the computer through it, making monitoring, debugging, and troubleshooting more flexible.

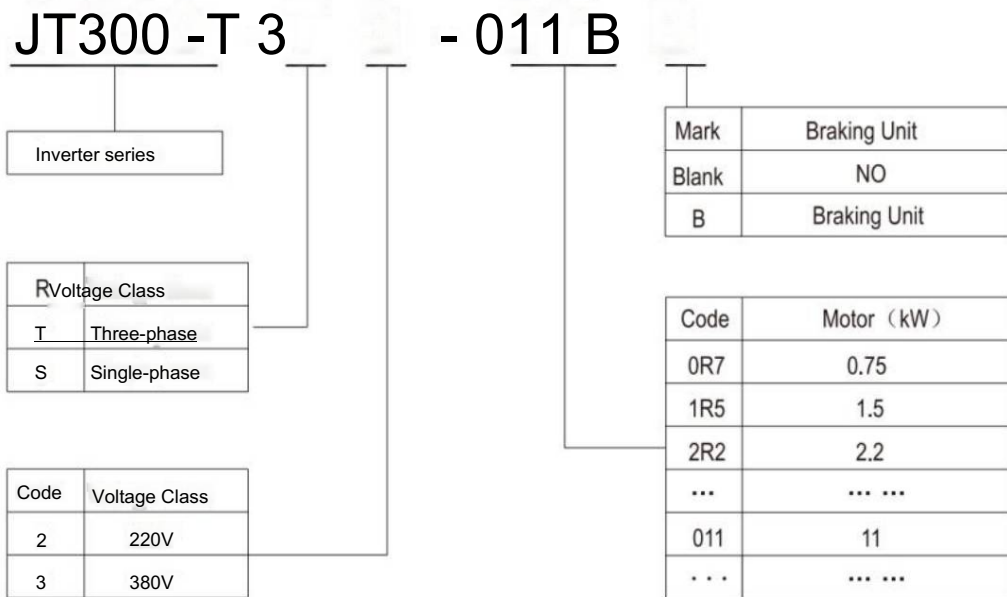


### • Brake unit



- 0.75kW-22kW Standard brake unit
- 30/37kW Optional built-in brake unit
- 45kW and above External braking unit

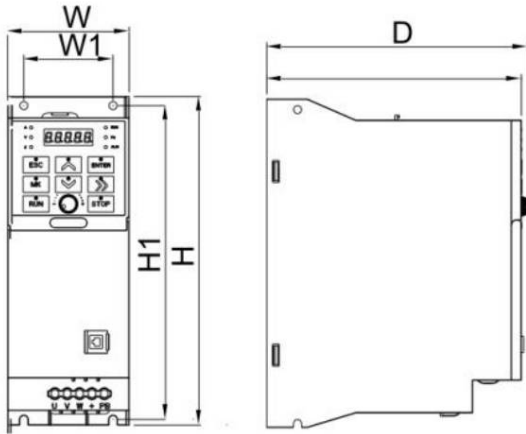
## Model Description



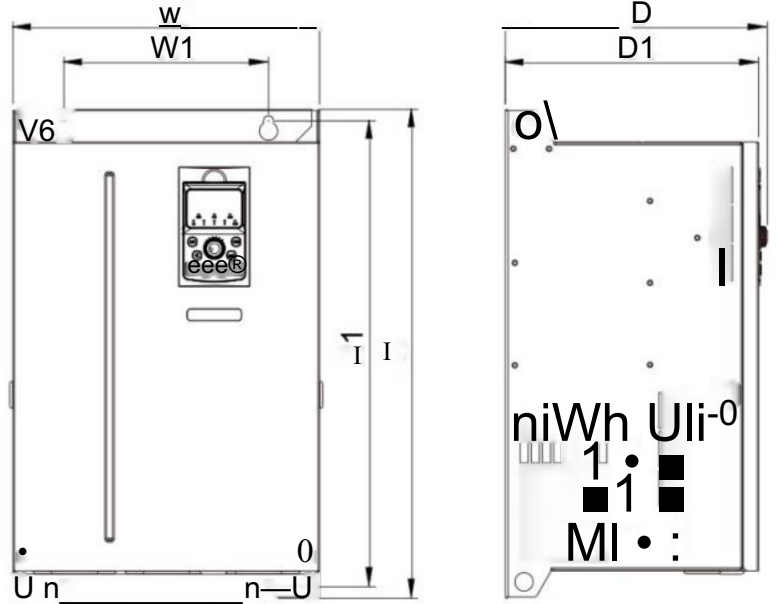
## Technical parameters

Product Model	Power Capacity kVA	Input Current A	Output Current A	Motor kW
Single-phase: 220V, 50/60Hz				
JT300-S2-0R7	2.0	8.2	5.0	0.75
JT 300-S2-1R5	2.8	14	7.0	1.5
Three-phase: 380V, 50/60Hz				
JT 300-T3-0R7B	2.2	3.4	2.7	0.75
JT 300-T3-1R5B	3.2	5	4.0	1.5
JT 300-T3-2R2B	4.0	5.8	5.0	2.2
JT 300-T3-3R7B	6.8	10.5	8.5	3.7
JT 300-T3-5R5B	10	14.6	12.5	5.5
JT 300-T3-7R5B	14	20.5	17	7.5
JT 300-T3-011B	17	26	25	11
JT 300-T3-015B	21	35	32	15
JT 300-T3-018B	24	38.5	37	18.5
JT 300-T3-022B	30	46.5	45	22
JT 300-T3-030	40	62	60	30
JT 300-T3-037	57	76	75	37
JT 300-T3-045	69	92	91	45
JT 300-T3-055	85	113	112	55
JT 300-T3-075	114	157	150	75
JT 300-T3-090	134	180	176	90
JT 300-T3-110	160	214	210	110
JT 300-T3-132	192	256	253	132
JT 300-T3-160	231	307	304	160
JT 300-T3-200	250	385	377	200

## Appearance and Dimensions



Installation Dimensions of Plastic Case Inverter



Installation Dimensions of Metal Case Inverter

Model	Dimensions(mm)		Mounting Holes Position(mm)				Diameter of Mounting Holes
	W1	H1	H	W	D1	D	
JT300-S2-0R7	81	139	150	90	116	120	Ø4.5
JT300-S2-1R5							
JT300-T3-0R7B	45	173	182	70	148	152	Ø5
JT300-T3-1R5B							
JT300-T3-2R2B							
JT300-T3-3R7B	55	193	202	75	157	161	Ø5
JT300-T3-5R5B							
JT300-T3-7R5B	80	308	322	108	176	180	Ø5
JT300-T3-011B							
JT300-T3-015B	190	273.5	291.5	197	175	182	Ø6
JT300-T3-018B							
JT300-T3-022B							
JT300-T3-030	220	392	405	253	180	187	Ø7
JT300-T3-037							
JT300-T3-045	200	455	475	300	248	255	Ø10
JT300-T3-055	256	473	492	300	248	255	Ø10
JT300-T3-075	286	473	492	335	248	225	Ø10
JT300-T3-090	260	590	610	410	270	279	Ø10
JT300-T3-110	320	690	720	455	325	334	Ø12
JT300-T3-132							
JT300-T3-160							
JT300-T3-200	360	845	880	530	367	376	Ø14



1  
JT580

## Series Economic Inverter



JT580 series are AC motor drives specially designed for textile and lifting [applications.it](http://applications.it) has many excellent features and built-in functions. Equipped with a built-in DC reactor, it replaces the need for a distribution cabinet and saves space for other equipment, while providing harmonic suppression and better power quality to the system. Moreover, JT580 is equipped with CANopen Master/Slave expansion, achieving ultimate system flexibility and fast data exchange to reduce setting steps and time adjustments in operation.

### Features

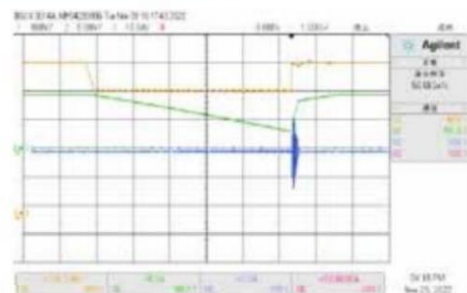
#### ■ Standard h-level DC reactor

Improve the input-side power factor  
Improve efficiency and thermal stability  
Effectively eliminate high-order harmonics & external conducted radiation interference  
Provide harmonic suppression and better power quality



#### • Under Voltage Protection

When the grid is instantaneously down or out of power, VFD can run continuously by feedback energy. It can be widely used in textile production lines, lifting industries, and other occasions that require high continuity.



### ■Military Spec Chips

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Stability and reliability are assured with military-grade components, and the product is more resistant to high temperatures and has a wider operating temperature range.



### •Enhanced PCB Coating

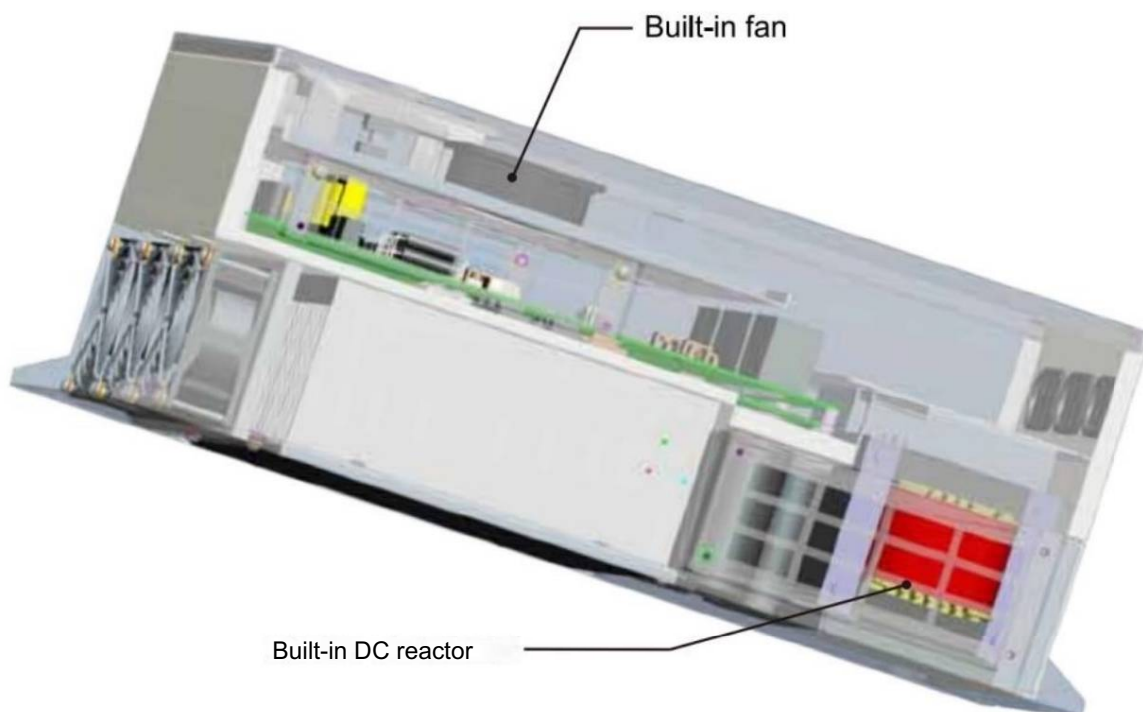
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Stable and reliable three-proof paint increase thickness and improve the protection.

### ■Strong environmental adaptability

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Up to 50°C operating temperature High-density dust-proof net can effectively prevent dust from entering the inverter and avoid short-circuit and other faults. A dedicated air duct design and a built-in fan improve heat dissipation efficiency, improve stability and extend service life. Equipped with military-grade chips, enhanced (three-proof paint) PCB coating, up to 105°C temperature-resistant capacitors

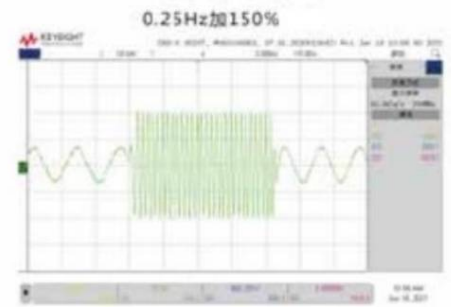


■Advanced control algorithm, high torque at low speed, small torque ripple

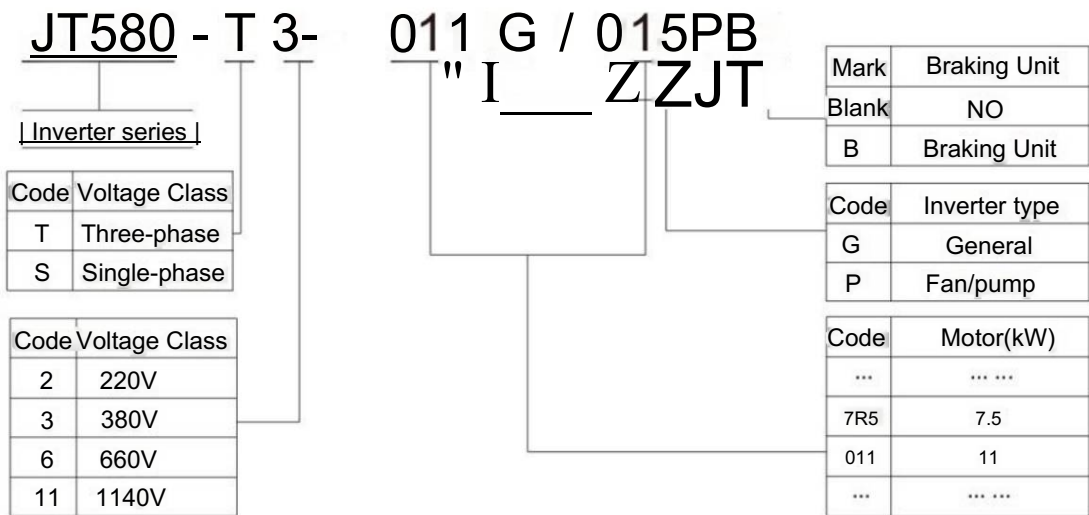
With open-loop vector control, torque can reach 150% at 0.5Hz

With closed-loop vector control, torque can reach 180% at 0Hz

Special I/F control, high precision, and stability of torque control



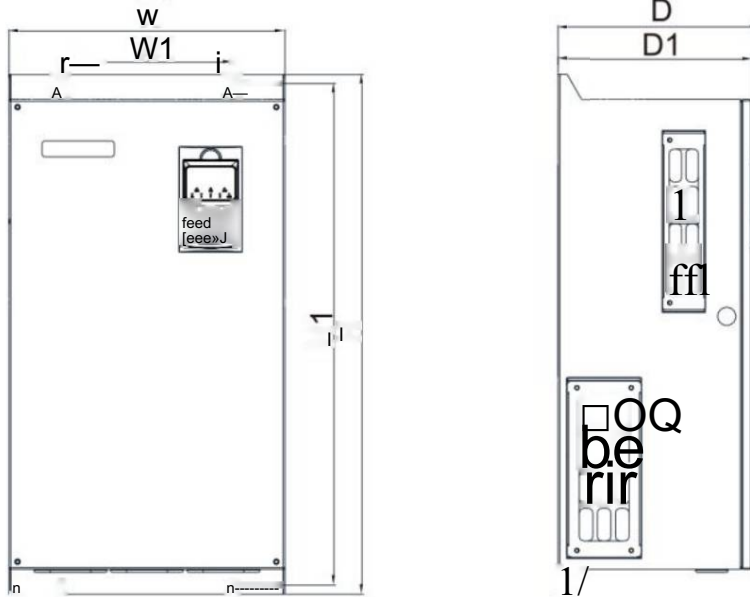
Model Description



Technical parameters <

Model	Power Capacity kVA	Input Current A	Output Current A	Motor kW
JT580-T3-015G/018PB	21	35	32	15
JT580-T3-018G/022PB	24	38.5	37	18.5
JT580-T3-022G/030PB	30	46.5	45	22
JT580-T3-030G/037P	40	62	60	30
JT580-T3-037G/045P	57	76	75	37
JT580-T3-045G/055P	69	92	91	45
JT580-T3-055G/075P	85	113	112	55
JT580-T3-075G/090P	114	157	150	75
JT580-T3-090G/110P	134	180	176	90
JT580-T3-110G/132P	160	214	210	110
JT580-T3-132G/160P	192	256	253	132
JT580-T3-160G/185P	231	307	304	160
JT580-T3-200G/220P	250	385	377	200

## Appearance and Dimensions



Model	Dimensions(mm)		Mounting Holes Position(mm)				Diameter of Mounting Holes
	W1	H1	H	W	D1	D	
JT580-T3-015G/018PB	160	440	460	230	212	220	cp10
JT580-T3-018G/022PB							
JT580-T3-022G/030PB							
JT580-T3-030G/037P	190	555	575	305	215	224	(p10
JT580-T3-037G/045P							
JT580-T3-045G/055P	230	643	670	390	290	298	cp12
JT580-T3-055G/075P							
JT580-T3-075G/090P	260	717	738	410	285	294	cp10
JT580-T3-090G/110P							
JT580-T3-110G/132P	320	780	810	455	316	325	q>12
JT580-T3-132G/160P							
JT580-T3-160G/185P	400	925	960	630	416	425	<p14
JT580-T3-200G/220P							

# 1 JT550 Series Through-the-wall Inverter



## Features

### •High protection level

The radiator and electronic components are completely isolated, and the electronic components will not be polluted. The high-density dust-proof net effectively prevents foreign objects from entering the inverter.

### •Through-wall installation, independent air duct

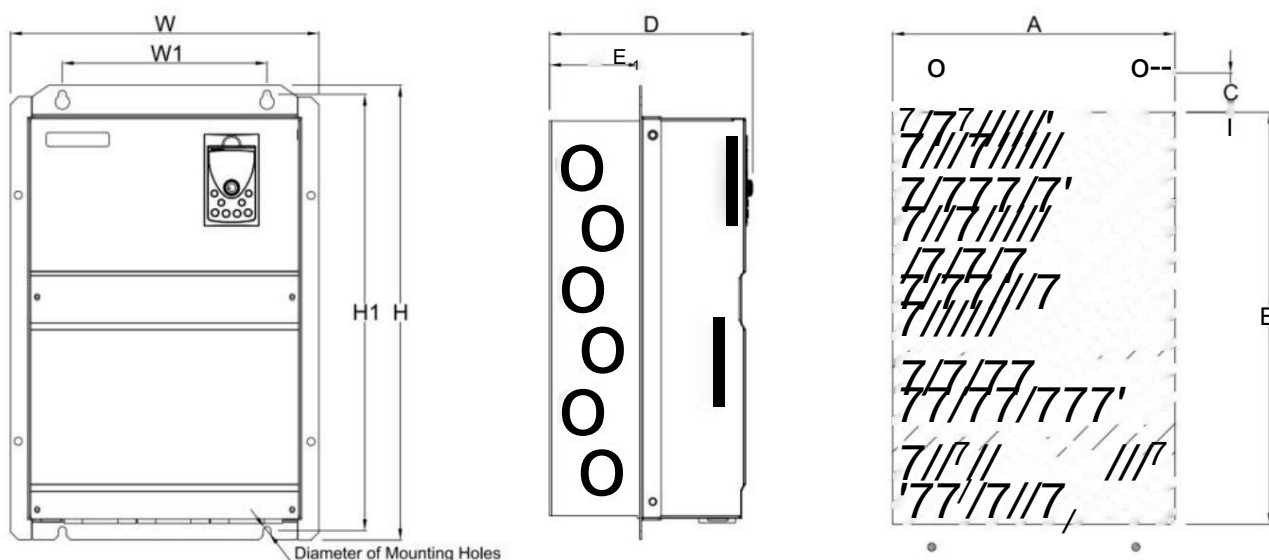
The heat of the main radiator is separated from the electric cabinet, which greatly reduces the temperature inside. Moreover, it prevents dust, moisture, oil gas, fibers, and other foreign objects from entering the electric cabinet, increasing heat dissipation efficiency and improving the product's adaptability and stability.



## Technical parameters <

Product Model	Power Capacity kVA	Input Current A	Output Current A	Motor (kW) (HP)	
Three-phase: 380V, 50/60HZ					
JT550-T3-7R5G/011PB	11	20.5	17	7.5	10
JT550-T3-011G/015PB	17	26	25	11	15
JT550-T3-015G/018PB	21	35	32	15	20
JT550-T3-018G/022PB	24	38.5	37	18.5	25
JT550-T3-022G/030PB	30	46.5	45	22	30
JT550-T3-030G/037P	40	62	60	30	40
JT550-T3-037G/045P	57	76	75	37	50
JT550-T3-045G/055P	69	92	91	45	60
JT550-T3-055G/075P	85	113	112	55	75
JT550-T3-075G/090P	114	157	150	75	100

## Appearance and Dimensions



Model	Mounting Holes Position(mm)			Dimensions(mm)		Diameter of Mounting Holes	Hole Size			Thickness
	H	W	D	H1	W1		A	B	C	
JT550-T3-7P5G/011PB-CQ	300	158	169	281	115	08	150	265	8.5	75.5
JT550-T3-011G/015PB-CQ										
JT550-T3-015G/018PB-CQ	352	200	191	322	173	09	195	295	16.8	90.5
JT550-T3-018G/022PB-CQ										
JT550-T3-022G/030PB-CQ										
JT550-T3-030G/037P-CQ	450	295	204	424	254	07	261	400	14.1	103
JT550-T3-037G/045P-CQ										
JT550-T3-045G/055P-CQ	578	392	259	554	260	O10	347	515	25.8	115
JT550-T3-055G/075P-CQ										

# JS500 Series Construction Lifting Integrated Machine

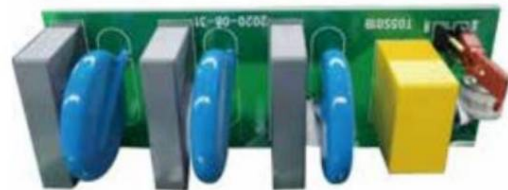


The JS500 series construction lifting integrated machine is an intelligent control system developed for the construction principle of construction elevators. Electrical control, frequency converter, braking unit, logic control unit, braking control unit, weighing sensor, intelligent voice prompt, touch screen unit, automatic leveling device, and positioning are all integrated into this system. As well as being fully functional, it can be easily installed and maintained.

## Features

### ■Lightning Protection Function

The system's built-in absorption module provides lightning protection.



### ·Human-machine interface (HMI) information exchange system

User-friendly HMI displays information such as floor, height, load, running direction, running speed, etc. Automatic leveling operation interface, leveling accuracy <math><1\text{mm}</math>, convenient storage of floor positions



### ·Pre-authorization Settings

It is convenient for customers to regulate the time of the device with the built-in perpetual calendar chip, which allows accurate pre-authorization time setting.



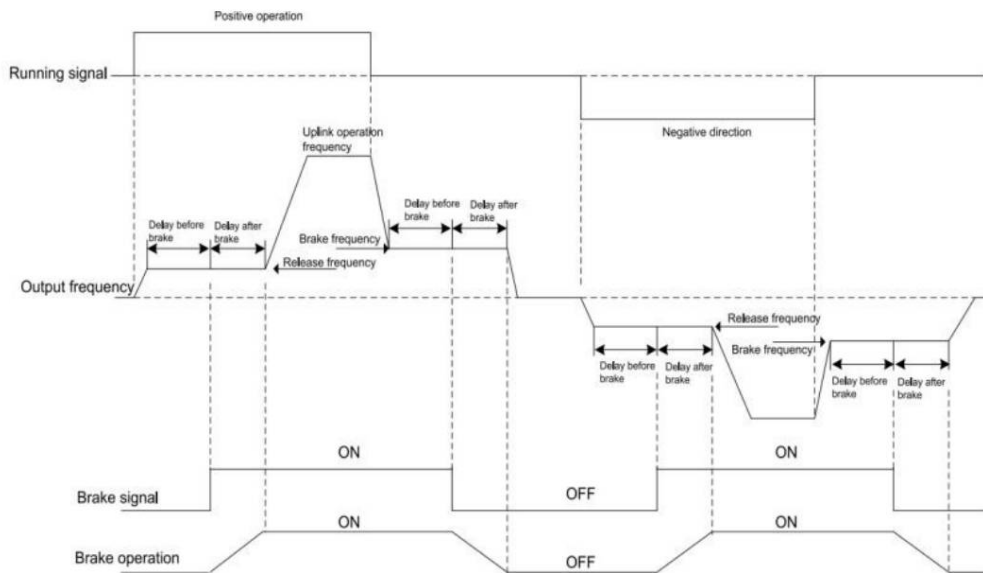
•Remote Monitoring Module

Monitor the current position of the elevator, the current limit state, the current operating state, etc.Can be remotely locked, and supports one-key unlockingWhen the equipment fails, it can remotely alarm, so as to troubleshoot the fault in time and restore it to service quicklyEquipped with remote module fault detection, upon detection of a module failure, the device will be locked automatically to protect customers' benefits.4G communication is adopted to achieve stable signal and fast transmission speed. It has a powerful management platform and a convenient and practical HMI.



•High-safety, Redundant Braking Circuit Software and Hardware Design

Before and during movement, the system monitors the motor torque in real-time, providing the greatest auxiliary protection to avoid slipping. Professional sequential logic brake function ensures high brake opening/closing reliability.

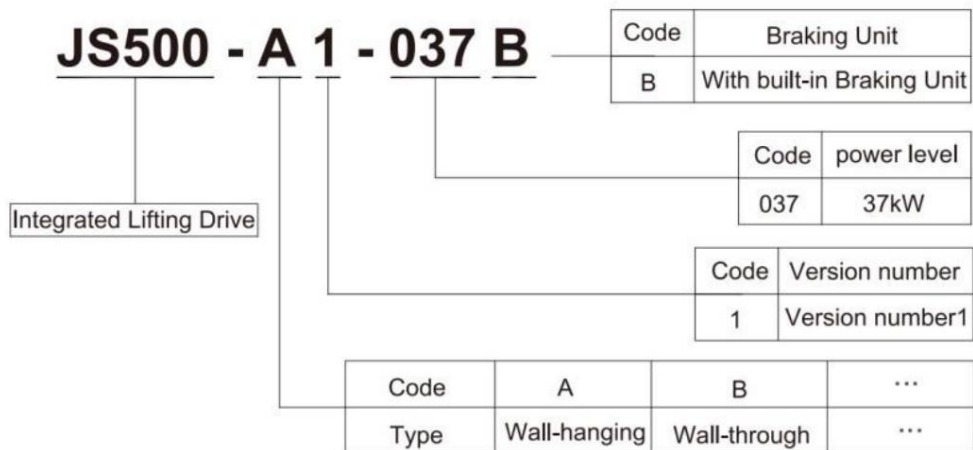


System Composition

			
JS500 Integrated Lifting Drive	Cage Operation Box	Braking Resistor	Encoder (optional)
			
	Pin Sensor	Cage top/drop Operation Box	Drop Test Box



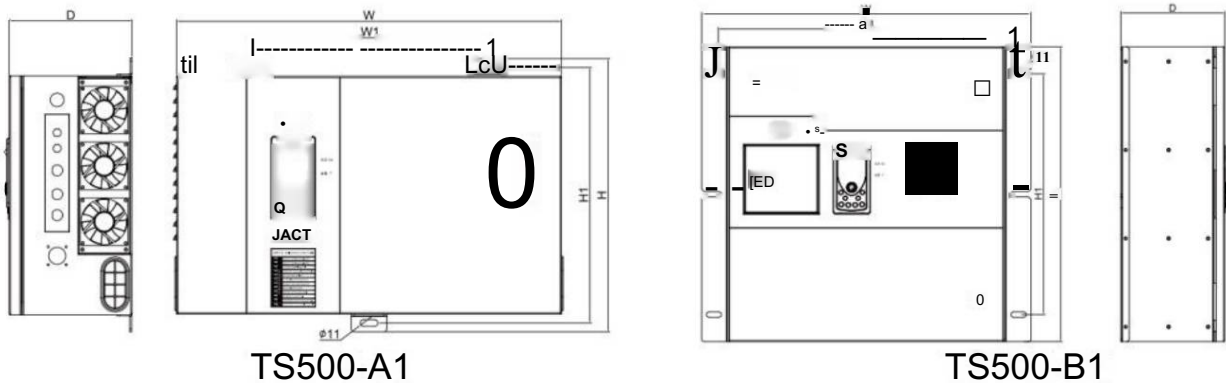
## Model Description



## Technical parameters

Product Model	Power Capacity kVA	Input Current A	Output Current A
JS500-A1-037B	57	76	75
JS500-A1-045B	69	92	91
JS500-A1-055B	85	113	112
JS500-A1-075B	114	157	150
JS500-B1-037B	57	76	75
JS500-B1-045B	69	92	91
JS500-B1-055B	85	113	112
JS500-B1-075B	114	157	150

## Appearance and Dimensions



Model	Dimensions(mm)		Mounting Holes Position(mm)			Diameter of Mounting Holes
	W1	H1	H	W	D	
JS500-A1-037B	400	430	400	655	205	cp11
JS500-B1-037B	599	490	400	670	210	(p11
JS500-B1-55/75	621	690	400	670	285	<p11

# 1 JS500 Series Material Lifting Integrated Machine



JS500-18.5kW is a special model developed for the material hoist electrical control system. It is only necessary to install an integrated machine to complete the electrical part of the equipment. Integrated into this product are the frequency conversion, the braking, the short circuit protection of the braking resistor, the limit logic, and the weighing. A wireless control video system has also been added to our product, removing a large number of wires and improving safety and aesthetics. Additionally, it has been specially optimized for the location of the elevator, which makes the equipment smoother and more comfortable during acceleration and deceleration.

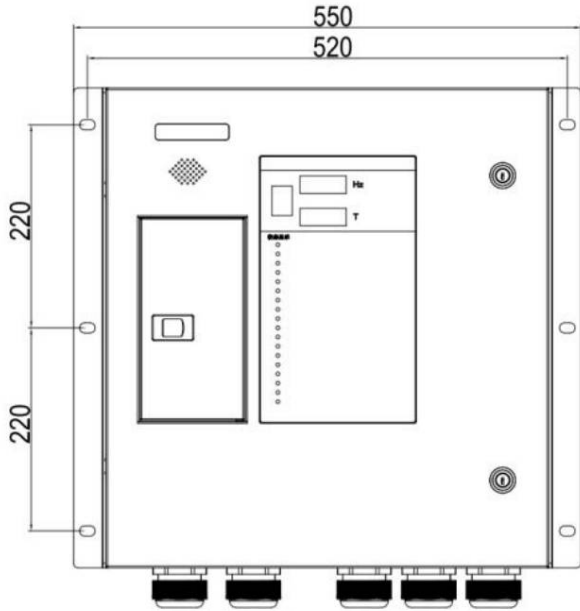
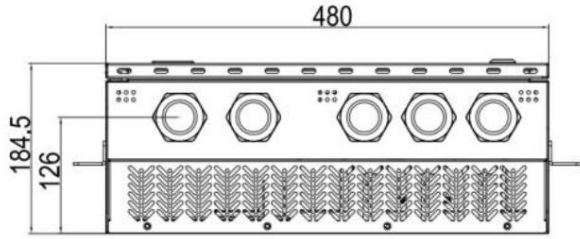
## Features

1. The drive and controller of the material machine are controlled by a wireless remote control, and a dual-channel design controller allows it to control two drives at the same time.
2. The material machine's operating status is intuitively understood based on the status display lights on the driver panel.
3. Real-time video mode is adopted in the cage. The operator can clearly understand the situation in the cage with one camera per drive and avoid misoperation caused by unknown situations, safe and convenient.
4. Software logic algorithms replace hardware logic circuits, and less hardware also reduces the failure rate of products.
5. Special distribution box for the material machine is designed to improve the safety of electricity.

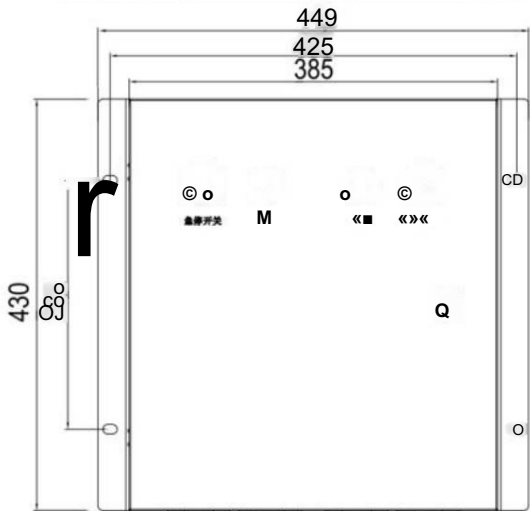
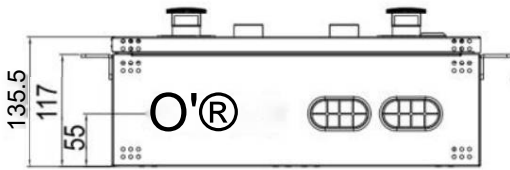
## System Composition

 Material Machine Driver*2	 Distribution Box*1	 Material Machine Controller*1	 Braking Resistor Box*2
 Pin Sensor*4	 Encoder Kit*2	 Cage Operation Box*2	 Drop Test Box*1

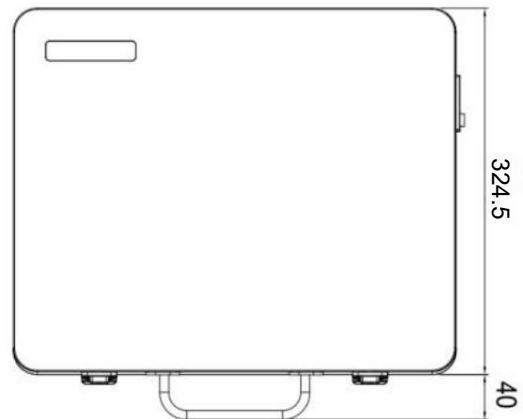
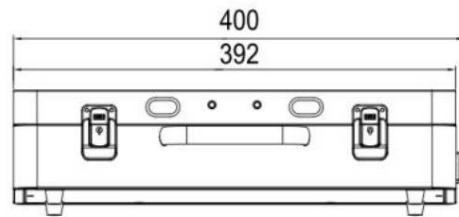
## Appearance and Dimensions



Material Machine Driver



Distribution Box



Material Machine Controller

# 1

## PLC (Programmable Logic Controller)

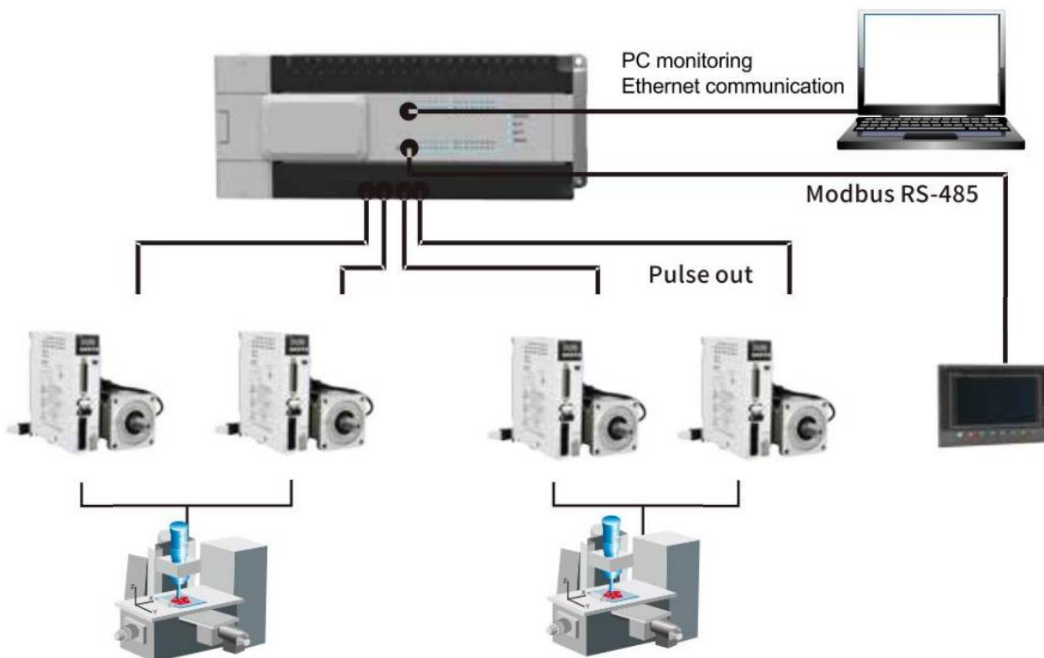


With a new appearance design and comprehensive features, CT series PLCs are compact, lightweight, and reliable. It has obvious advantages such as fast speed, large capacity, and significantly improved functions. As a result, we are able to provide more comprehensive solutions to our customers and create greater value for them.

### Features

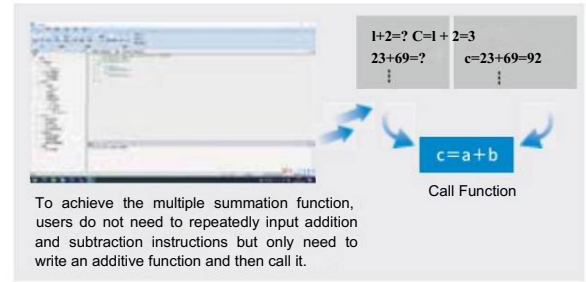
#### •Motion Control

Furthermore, the CT series has more internal register resources and program capacity than a standard PLC and can realize three-axis linkage (space straight line, space spiral arc) and support cam algorithms. Its follow-up function supports connecting the right Expansion module, left expansion board, and middle expansion board.



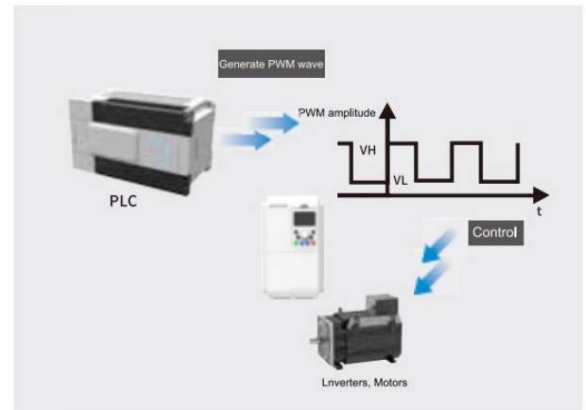
## ■C language writing function

A better level of confidentiality is provided by the program. Once the function module has been compiled, users can call it directly, while the internal programs are encrypted and invisible, which saves internal space, reduces workload, improves programming efficiency, and supports both local variables and global variables,



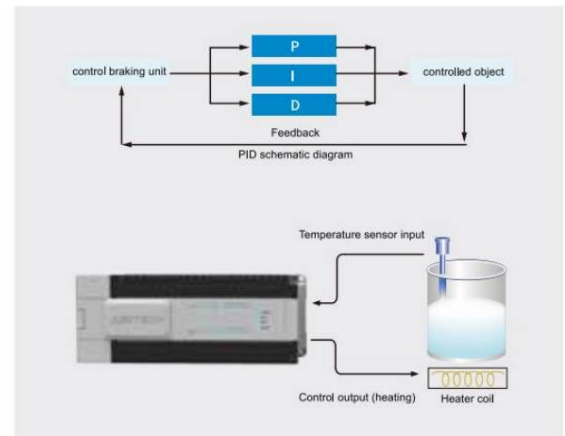
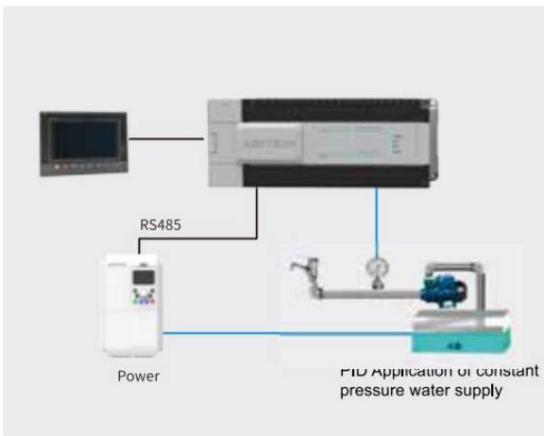
## ■pulse width modulation

The pulse width modulation function can be implemented through the command PWM; the pulse width subdivision accuracy can reach 1/65535; this function can be used to control inverters and DC motors.



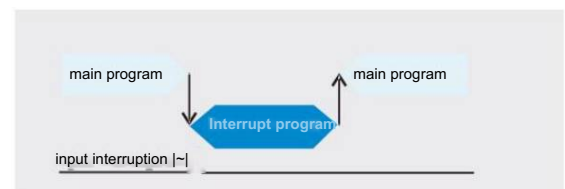
## ■PID control

PLC supports PID control command and provides a self-tuning function, which is more flexible to use. Users can obtain the best sampling time and PID parameter value through self-tuning, so as to improve control accuracy. For more applications, there are two methods of control: step response and critical oscillation.



## ■interrupt function

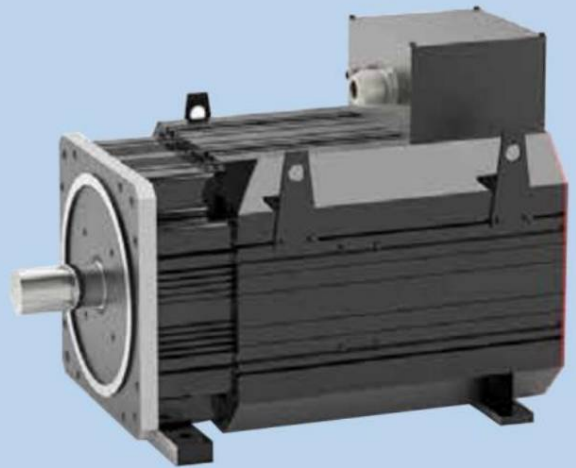
Interrupt functions are available on all CT series PLCs, and special operations can be accomplished by calling interrupt, which will not be affected by the PLC scan cycle. Interrupts include 100-segment high-speed counting interrupts, external interrupts, and timing interrupts.



## Product Model

Economic PLC (CT100)						
AC power supply			DC power supply			
	relay output	transistor output	composite output	relay output	transistor output	composite output
NPN PNP	CT100-10R-E	CT100-10T-E	CT100-10RT-E	CT100-10R-C	CT100-10T-C	CT100-10RT-C
	CT100-16R-E	CT100-16T-E	CT100-16RT-E	CT100-16R-C	CT100-16T-C	CT100-16RT-C
	CT100-24R-E	CT100-24T-E	CT100-24RT-E	CT100-24R-C	CT100-24T-C	CT100-24RT-C
	CT100-32R-E	CT100-32T-E	CT100-32RT-E	CT100-32R-C	CT100-32T-C	CT100-32RT-C
Standard PLC (CT300)						
NPN PNP	CT300-16R-E	CT300-16T-E	CT300-16RT-E	CT300-16R-C	CT300-16T-C	CT300-16RT-C
	CT300-24R-E	CT300-24T-E	CT300-24RT-E	CT300-24R-C	CT300-24T-C	CT300-24RT-C
	CT300-32R-E	CT300-32T-E	CT300-32RT-E	CT300-32R-C	CT300-32T-C	CT300-32RT-C
	CT300-48R-E	CT300-48T-E	CT300-48RT-E	CT300-48R-C	CT300-48T-C	CT300-48RT-C
	CT300-64R-E	CT300-64T-E	CT300-64RT-E	CT300-64R-C	CT300-64T-C	CT300-64RT-C
High Performance PLC (CT500)						
NPN PNP	CT500-16R-E	CT500-16T-E	CT500-16RT-E	CT500-16R-C	CT500-16T-C	CT500-16RT-C
	CT500-24R-E	CT500-24T-E	CT500-24RT-E	CT500-24R-C	CT500-24T-C	CT500-24RT-C
	CT500-32R-E	CT500-32T-E	CT500-32RT-E	CT500-32R-C	CT500-32T-C	CT500-32RT-C
	CT500-48R-E	CT500-48T-E	CT500-48RT-E	CT500-48R-C	CT500-48T-C	CT500-48RT-C
	CT500-64R-E	CT500-64T-E	CT500-64RT-E	CT500-64R-C	CT500-64T-C	CT500-64RT-C
Motion Control PLC (CT700)						
NPN	CT700-32R-E	CT700-32T-E	CT700-32RT-E	CT700-32R-C	CT700-32T-C	CT700-32RT-C
PNP	CT700-64R-E	CT700-64T-E	CT700-64RT-E	CT700-64R-C	CT700-64T-C	CT700-64RT-C

# Three-phase Permanent Magnet Synchronous High-Efficiency Motor



PMSM has high power efficiency and power factor. It is small in size, low in noise, and adopts a fully enclosed structure design. There is no transmission gear wear, no transmission gear noise, no surface lubricating oil, or maintenance required with PMSM. PMSM allows a large overload current, so its reliability can be significantly improved.

## •High- efficiency

The efficiency of the synchronous machine is higher and the high efficiency area is wider. The energy-saving effect is more obvious under variable load conditions.

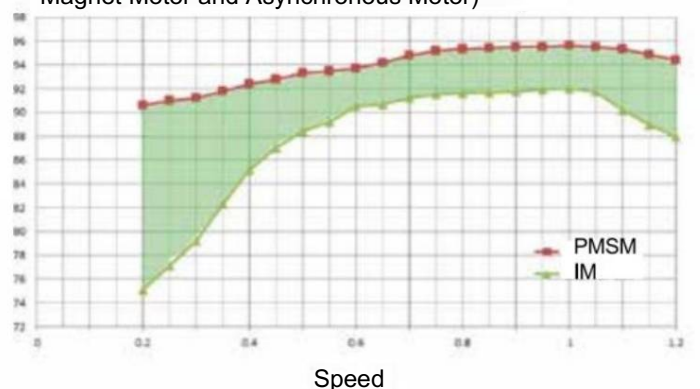
Motor Performance Curves (Load Ratio) (Permanent Magnet Motor and Asynchronous Motor)



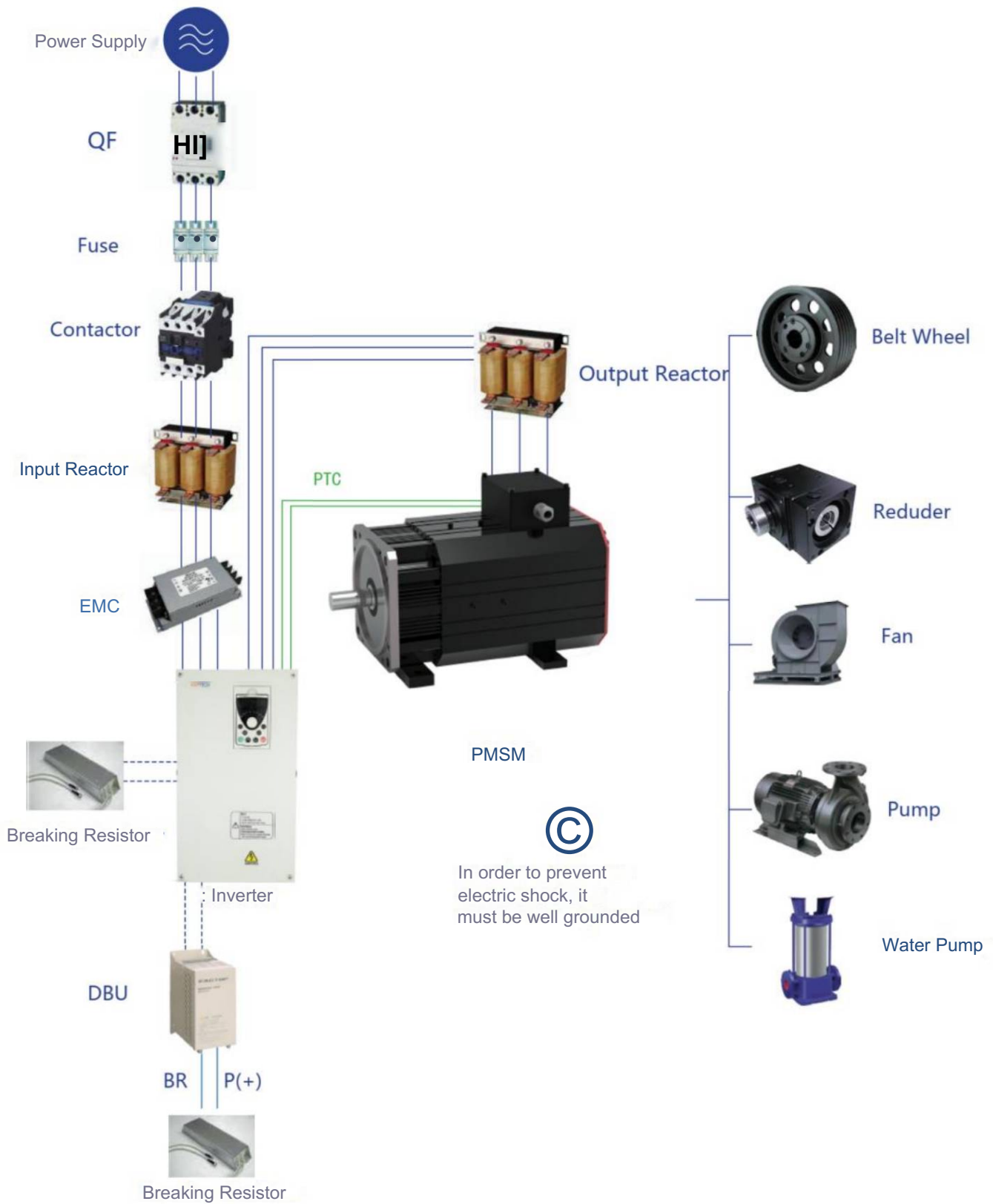
## •Efficient Speed Regulation Space

It is obviously better than asynchronous motor under the condition of motor speed regulation

Motor Performance Curves (Load Ratio) (Permanent Magnet Motor and Asynchronous Motor)



# General Diagram

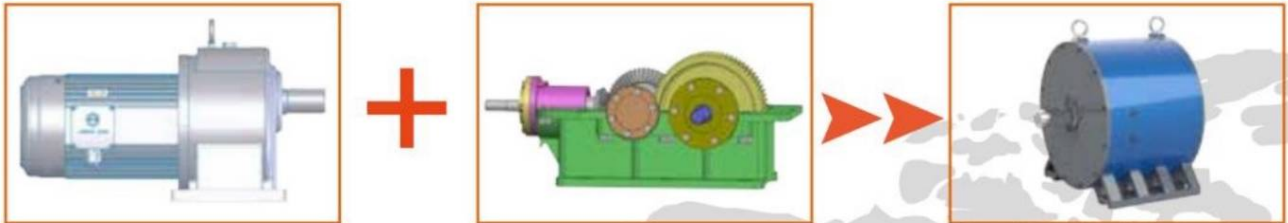




### •Transmission Upgrade

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Replace traditional asynchronous motor + large transmission ratio reducer transmission, direct drive, improve system transmission efficiency, save energy and reduce emissions



### •Energy efficient

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Stronger torque output capability, wider high-efficiency area, more convenient installation, and maintenance, and more obvious energy saving



### •Customization

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According to the structural characteristics of the equipment, optimize the mechanical structure of the equipment, realize transmission innovation, and maximize the transmission efficiency of the system



### •Certification

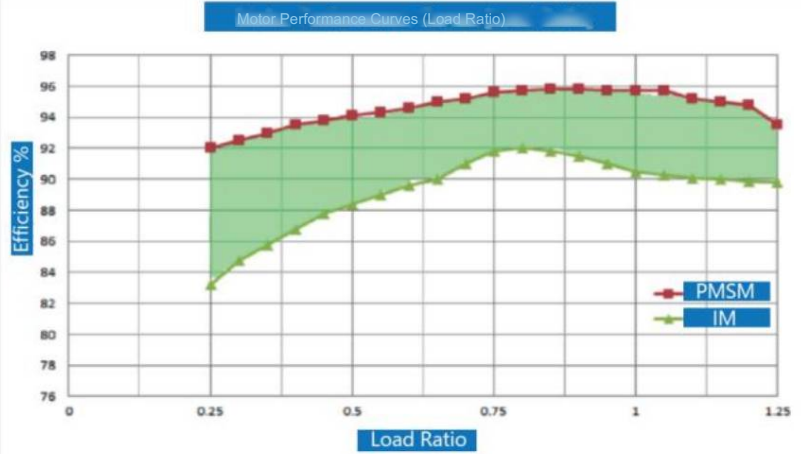
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Full range of CE certification, full range of GB30253 Energy Efficiency Certification(Level 1)

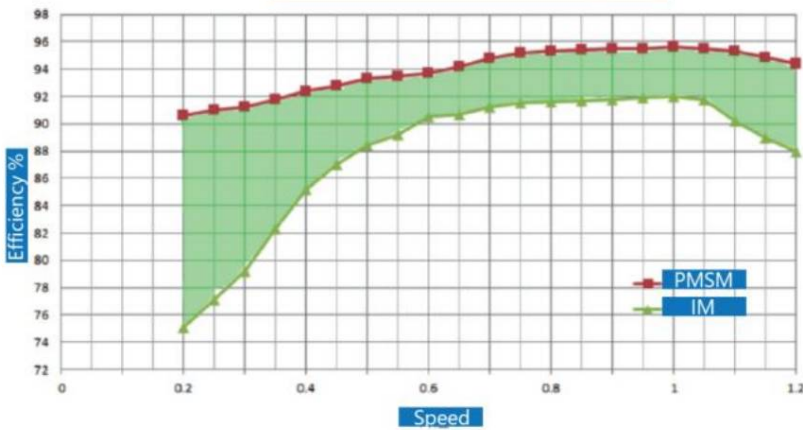
# 6 Advantages

## High- efficiency

- higher efficiency and wider efficiency area
- Energy saving effect is more obvious under variable load condition



Motor Performance Curves (Speed)

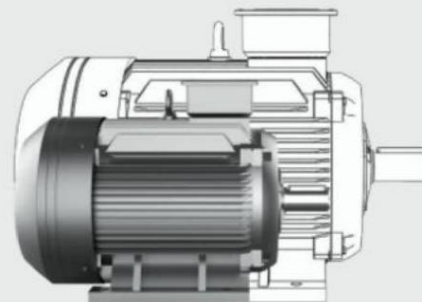


## Efficient Speed Regulation Space

- Better than asynchronous motor in speed regulation

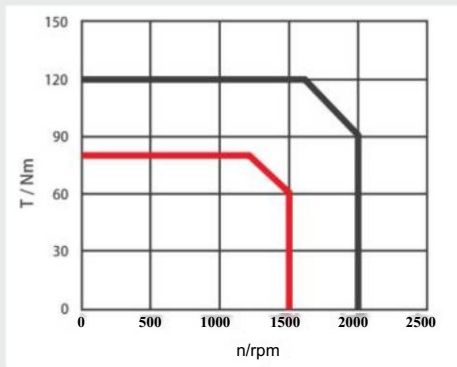
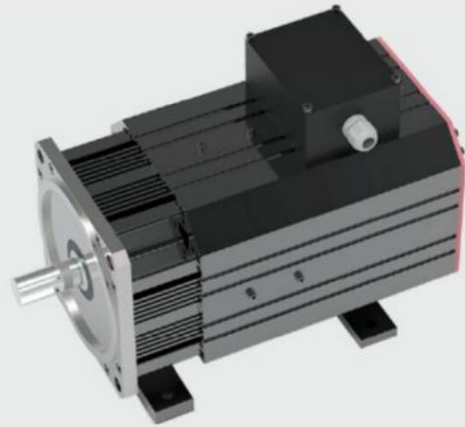
## High reliability design

- high standards, ideally for harsh conditions
- Select high level permanent magnet
- Built-in temperature sensor
- smaller and lighter



## Smart motor

- Prepare for interconnection
- Optional Built-in IoT modules
- One-click no-code cloud connection



## Better performance

- Better control curve
- Thermal protection
- Reasonable flux-weakening control

## Certification

- CE Certification (IE4)
- GB30253 Energy Efficiency Certification (Level 1)



# Naming Rules

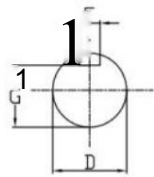
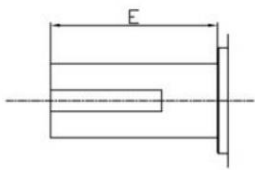
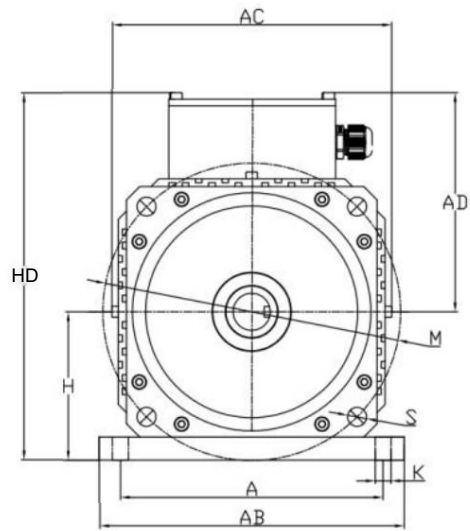
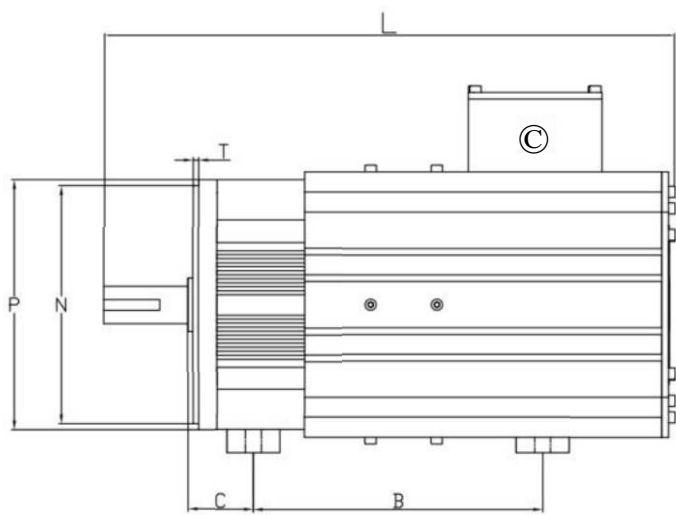
M V 4-22D 15C 16 L-A R A N  
 (R) (R) (R) (R) (R) (R) (R) (R) (R) (R) (R)

(T) Product M: motor	© Rated Speed (rpm) (Contains two numerals and a letter) A : X1 B : X10 C : X100 D : X1000 E : X10000 For example: 15C: 1500rpm	© Installation Method A : IM B3    G : IM B34    N : IM V16 B : IM B5    H : IM B35    P : IM V17 C : IM B6    J : IM V1        Q : IM V18 D : IM B7    K : IM V3        R : IM V19 E : IM B8    L : IM V5        S : IM V35 F : IM B14   M : IM V6       T : IM V37
(2) Subdivision V: variable frequency motor		© Mode of Connection T : Top outlet L : Left outlet R : Right outlet
(D) Voltage Level 1: 110V 2: 220V 3: 300V 4: 380V .....	© Center Height 08: 80 09: 90 11: 112 13: 132 ..... 35: 355	© Cooling Method A : IC411 (Coaxial fan cooling) F : IC416 (Independent fan cooling) L : IC86W (watercooling) N : IC418 (no fan)
@ Rated Power (W) (Contains two numerals and a letter) A : X1 B : X10 C : X100 D : X1000 E : X10000 For example: 22D: 22KW	© Type of mounting foot hole spacing S : S M : M L : L	© Encoder Type N : no encoder D : photoelectric encoder G : rotary encoder

# Technical Specification

Item	Specification										
Power Range	3kW ~ 400kW										
Base Size	90 ~ 355										
Insulation Class	F										
Cooling Method	IC411										
IP level	IP54and above										
Working Duty	S1										
Operating Condition	-15°C ~ 40°C, The altitude should be below 1000m, the relative temperature should be within 90%										
Speed	750 ~ 3000rpm										
Voltage	380V										
Energy Efficiency	GB30253 Energy Efficiency (Level 1), 90Kw and above IE4 according to IEC60034-30-1-2014										
Thermal Protection	PTC thermal protection for standard configuration										
Temperature	0 ~ 40°C (non-freezing)										
Humidity	20% ~ 80%RH (non-dewfall)										
Storage Temperature	-20°C ~ 60°C										
Storage Humidity	20% ~ 90%RH (non-dewfall)										
Altitude reduction Altitude	When used over 1000m, the cooling effect is reduced due to thin air, so the temperature may rise.										
factor:	<table border="1"> <tr> <td>1000m</td> <td>2000m</td> <td>3000m</td> <td>4000m</td> <td>5000m</td> </tr> <tr> <td>1</td> <td>0.947</td> <td>0.901</td> <td>0.824</td> <td>0.645</td> </tr> </table>	1000m	2000m	3000m	4000m	5000m	1	0.947	0.901	0.824	0.645
1000m	2000m	3000m	4000m	5000m							
1	0.947	0.901	0.824	0.645							

OThe basic speed is 750~3000rpm, the power is 3kW~400kW, and Motor Service Factor (SF) is 1.2. So variable frequency permanent magnet synchronous motor with a speed range of



Frame	External and mounting dimensions															Shaft dimensions			
	A	B	C	H	K	AB	AC	AD	HO	L	M	N	P	s	T	D	E	F	g
90S	140	100	56	90	10	180	172	155	250	335	165	130	200	12	3.5	24	50	8	20
90L	140	125	56	90	10	180	175	155	250	360	165	130	200	12	3.5	24	50	8	20
100L	160	140	63	100	12	205	195	175	270	395	215	180	250	14.5	4	28	60	8	24
112M	190	140	70	112	12	230	220	190	300	415	215	180	250	14.5	4	28	60	8	24
132S	216	140	89	132	12	270	260	210	345	480	265	230	300	14.5	4	38	80	10	33
132M	216	178	89	132	12	270	260	210	345	520	265	230	300	14.5	4	38	80	10	33
132L	216	178	89	132	12	278	260	210	345	560	265	230	300	14.5	4	38	80	10	33
160M	254	210	108	160	14.5	320	320	255	420	630	300	250	350	18.5	5	42	110	12	37
160L	254	254	108	160	14.5	320	320	255	420	670	300	250	350	18.5	5	42	110	12	37
180M	279	241	121	180	14.5	355	355	280	455	710	300	250	350	18.5	5	55	110	16	49
180L	279	279	121	180	14.5	355	355	280	455	745	300	250	350	18.5	5	55	110	16	49
200L	318	305	133	200	18.5	395	400	305	505	785	350	300	400	18.5	5	60	110	18	53
225S	356	286	149	225	18.5	435	450	335	560	830	400	350	450	18.5	5	65	140	18	58
225M	356	311	149	225	18.5	435	450	335	560	855	400	350	450	18.5	5	65	140	18	58
250M	406	349	168	250	24	490	485	370	615	935	500	450	550	18.5	5	75	140	20	67.5
280S	457	368	190	280	24	550	550	410	680	1025	500	450	550	18.5	5	80	170	22	71
280M	457	419	190	280	24	550	550	410	680	1075	500	450	550	18.5	5	80	170	22	71
315S	508	406	216	315	28	635	620	530	845	1230	600	550	660	24	6	95	170	25	86
315M	508	457	216	315	28	635	620	530	845	1340	600	550	660	24	6	95	170	25	86
315L	508	508	216	315	28	635	620	530	845	1340	600	550	660	24	6	95	170	25	86
355M	610	560/630	254	355	28	730	700	655	1010	1580	740	680	800	24	6	110	210	28	100

# PRODUCT DISPLAY

## Main Specifications & Technical Data

Rated speed 3000rpm(IE4 efficiency) IE5 on request.

Model	Size	Power (Kw)	Current (A)	Efficiency (%)	PF (costp)	Torque Nm	Frequency (Hz)	IP Level	INS. Class
HltiW Three Phase: 380V . 额定转速 Rated Speed: 3000rpm									
MV4-30C30C09S-ATAN	90S	3	5.3	92.6	0.98	9.6	200	IP54	F
MV4-40C30C09L-ATAN	90L	4	7	93.3	0.98	12.7	200	IP54	F
MV4-55C30C09L-ATAN	90L	5.5	9.6	94.0	0.98	17.5	200	IP54	F
MV4-75C30C10L-ATAN	100L	7.5	12.9	94.5	0.98	23.9	200	IP55	F
MV4-11D30C11M-ATAN	112M	11	18.8	95.0	0.98	35	200	IP55	F
MV4-15D30C13S-ATAN	132S	15	25.8	95.3	0.98	47.8	200	IP55	F
MV4-18D30C13S-ATAN	132S	18.5	31.4	95.6	0.98	58.9	200	IP55	F
MV4-22D30C13M-ATAN	132M	22	37	95.9	0.98	70	200	IP55	F
MV4-30D30C16.M-ATAN	160M	30	50.2	96.1	0.98	95.5	200	IP55	F
MV4-37D30C16M-ATAN	160M	37	61.8	96.3	0.98	117.8	200	IP55	F
MV4-45D30C16L-ATAN	160L	45	75	96.4	0.98	143.3	200	IP55	F
MV4-55D30C18M-ATAN	180M	55	91.3	96.5	0.98	175.1	200	IP55	F
MV4-75D30C18L-ATAN	180L	75	124	96.6	0.98	238.8	200	IP55	F
MV4-90D30C20L-ATAN	200L	90	149	96.7	0.98	286.5	200	IP55	F
MV4-11E30C20L-ATAN	225L	110	181	96.7	0.98	350.2	200	IP55	F
MV4-13E30C22M-ATAN	22 5M	132	217	96.7	0.98	420.2	200	IP55	F
MV4-16E30C25M-ATAN	250M	160	263	96.7	0.98	509.3	200	IP55	F
MV4-18E30C25M-ATAN	250M	185	309	96.7	0.98	588.9	200	IP55	F
MV4-20E30C25M-ATAN	250M	200	328	96.7	0.98	636.7	200	IP55	F
MV4-22E30C28M-ATAN	280M	220	361	96.7	0.98	700.3	200	IP55	F
MV4-25E30C28M-ATAN	280M	250	410	96.7	0.98	795.8	200	IP55	F
MV4-28E30C28M-ATAN	280M	280	459	96.7	0.98	891.3	200	IP55	F
MV4-30E30C28M-ATAN	280M	300	506	96.7	0.98	955	200	IP55	F
MV4-31E30C31S-ATAN	315S	315	525	96.7	0.98	1002.8	200	IP55	F
MV4-35E30C31M-ATAN	315M	355	582	96.7	0.98	1130.1	200	IP55	F
MV4-40E30C31L-ATAN	315L	400	656	96.7	0.98	1273.3	200	IP55	F

# PRODUCT DISPLAY

## Main Specifications & Technical Data

Rated speed 1500rpm(IE4 efficiency) IE5 on request.

Model	Size	Power (Kw)	Current (A)	Efficiency (%)	PF (coscp)	Torque Nm	Frequency (Hz)	IP Level	INS. Class
三相电源 Three Phase: 380V. 额定转速 Rated Speed:: 1500rpm									
MV4-30C15C09L-ATAN	90L	3	5.4	90.3	0.98	19.1	100	IP54	F
MV4-40C15C10L-ATAN	100L	4	7.2	90.9	0.98	25.5	100	IP54	F
MV4-55C15C10L-ATAN	100L	5.5	9.8	92.1	0.98	35.0	100	IP55	F
MV4-75C15C11M-ATAN	112M	7.5	13.4	92.6	0.98	47.8	100	IP55	F
MV4-11D15C13S-ATAN	132S	11	19.5	93.6	0.98	70.0	100	IP55	F
MV4-15D15C13M-ATAN	132M	15	26.1	94.0	0.98	95.5	100	IP55	F
MV4-18D15C13L-ATAN	132L	18.5	32.1	94.3	0.98	117.8	100	IP55	F
MV4-22D15C16L-ATAN	160L	22	38	94.7	0.98	140.1	100	IP55	F
MV4-30D15C18M-ATAN	180M	30	51.7	95.0	0.98	191.0	100	IP55	F
MV4-37D15C18L-ATAN	180L	37	63.5	95.3	0.98	235.6	100	IP55	F
MV4-45D15C18L-ATAN	180L	45	77.1	95.6	0.98	286.5	100	IP55	F
MV4-55D15C20L-ATAN	200L	55	94	95.8	0.98	350.2	100	IP55	F
MV4-75D15C22S-ATAN	225S	75	124.3	96.0	0.98	477.5	100	IP55	F
MV4-90D15C22M-ATAN	225M	90	149	96.2	0.98	573.0	100	IP55	F
MV4-11E15C22M-ATAN	225M	110	182	96.3	0.98	700.3	100	IP55	F
MV4-13E15C25M-ATAN	250M	132	225	96.4	0.98	840.4	100	IP55	F
MV4-16E15C28M-ATAN	280M	160	271	96.6	0.98	1018.7	100	IP55	F
MV4-18E15C28M-ATAN	280M	185	313	96.7	0.98	1177.8	100	IP55	F
MV4-20E15C28M-ATAN	280M	200	338	96.7	0.98	1273.3	100	IP55	F
MV4-22E15C28M-ATAN	280M	220	372	96.7	0.98	1400.7	100	IP55	F
MV4-25E15C31S-ATAN	315S	250	423	96.7	0.98	1591.7	100	IP55	F
MV4-28E15C31S-ATAN	315S	280	473	96.7	0.98	1782.7	100	IP55	F
MV4-31E15C31S-ATAN	315S	315	532	96.7	0.98	2005.5	100	IP55	F
MV4-35E15C31M-ATAN	315M	355	600	96.7	0.98	2260.2	100	IP55	F
MV4-40E15C35M-ATAN	355M	400	668	96.7	0.98	2546.7	100	IP55	F

# PRODUCT DISPLAY

## Main Specifications & Technical Data

Rated speed 1000rpm(IE4 efficiency) IE5 on request.

Model	Size	Power (Kw)	Current (A)	Efficiency (%)	PF (coscp)	Torque (Nm)	Frequency (Hz)	IP Level	INS. Class
三相电源 Three Phase: 380V, 额定转速 Rated Speed: 1000rpm									
MV4-30C10C10L-ATAN	100L	3	5.4	91.8	0.98	28.7	66.7	IP54	F
MV4-40C10C11M-ATAN	112M	4	7.2	92.7	0.98	38.2	66.7	IP54	F
MV4-55C10C13S-ATAN	132S	5.5	9.8	93.4	0.98	52.5	100	IP55	F
MV4-75C10C13M-ATAN	132M	7.5	13.4	94	0.98	71.6	100	IP55	F
MV4-11D10C13L-ATAN	132L	11	19.5	94.5	0.98	105.1	100	IP55	F
MV4-15D10C16L-ATAN	160L	15	26.1	94.9	0.98	143.3	100	IP55	F
MV4-18D10C18M-ATAN	180M	18.5	32.1	95.3	0.98	176.7	100	IP55	F
MV4-22D10C18L-ATAN	180L	22	38	95.6	0.98	210.1	100	IP55	F
MV4-30D10C18L-ATAN	180L	30	51.7	95.8	0.98	286.5	100	IP55	F
MV4-37D10C20L-ATAN	200L	37	63.5	96	0.98	353.4	100	IP55	F
MV4-45D10C22M-ATAN	225M	45	77.1	96.2	0.98	429.8	100	IP55	F
MV4-55D10C22M-ATAN	225M	55	94	96.3	0.98	525.3	100	IP55	F
MV4-75D10C25M-ATAN	250M	75	124.3	96.4	0.98	716.3	100	IP55	F
MV4-90D10C28S-ATAN	280S	90	149	96.5	0.98	859.5	100	IP55	F
MV4-11E10C28M-ATAN	280M	110	182	95.8	0.98	1050.5	100	IP55	F
MV4-13E10C28M-ATAN	280M	132	225	96	0.98	1260.6	100	IP55	F
MV4-16E10C31S-ATAN	315S	160	271	96.2	0.98	1528	100	IP55	F
MV4-18E10C31S-ATAN	315S	185	313	96.3	0.98	1766.8	100	IP55	F
MV4-20E10C31S-ATAN	315S	200	338	96.3	0.98	1910	100	IP55	F
MV4-22E10C31M-ATAN	315M	220	372	96.3	0.98	2101	100	IP55	F
MV4-25E10C31M-ATAN	315M	250	423	96.5	0.98	2387.5	100	IP55	F
MV4-28E10C31L-ATAN	315L	280	473	96.6	0.98	2674	100	IP55	F
MV4-30E10C35M-ATAN	355M	300	493	96.6	0.98	2865	100	IP55	F



# PRODUCT DISPLAY

## Main Specifications & Technical Data

Rated speed 750rpm(IE4 efficiency) IE5 on request.

型号	机座号	功率 (Kw)	电流 (A)	效率 (%)	功率因数 (cos $\phi$ )	额定转矩 (Nm)	额定频率 (Hz)	防护 等级	绝缘 等级
三相电源 Three Phase: 380V, 额定转速 Rated Speed: 750rpm									
MV4-30C75B11M-ATAN	112M	3	5.4	89.0	0.98	38.2	20	IP54	F
MV4-40C75B11M-ATAN	112M	4	7.2	90.2	0.98	50.9	75	IP54	F
MV4-55C75B13M-ATAN	132M	5.5	9.8	90.9	0.98	70.0	75	IP55	F
MV4-75C75B13L-ATAN	132L	7.5	13.4	91.5	0.98	95.5	75	IP55	F
MV4-11D75B16L-ATAN	160L	11	19.5	92.7	0.98	140.1	75	IP55	F
MV4-15D75B18M-ATAN	180M	15	26.1	93.3	0.98	191.0	75	IP55	F
MV4-18D75B18L-ATAN	180L	18.5	32.1	94	0.98	235.6	75	IP55	F
MV4-22D75B20L-ATAN	200L	22	38	94.5	0.98	280.1	75	IP55	F
MV4-30D75B22S-ATAN	225S	30	51.7	94.7	0.98	382	75	IP55	F
MV4-37D75B22M-ATAN	225M	37	63.5	95	0.98	471.1	75	IP55	F
MV4-45D75B25M-ATAN	250M	45	77.1	95.2	0.98	573	75	IP55	F
MV4-55D75B25M-ATAN	250M	55	94	95.4	0.98	700.3	75	IP55	F
MV4-75D75B28S-ATAN	280S	75	124.3	95.6	0.98	955	75	IP55	F
MV4-90D75B28M-ATAN	280M	90	149	95.6	0.98	1146	75	IP55	F
MV4-11E75B28M-ATAN	280M	110	182	95.6	0.98	1400.7	75	IP55	F
MV4-13E75B31S-ATAN	315S	132	225	95.6	0.98	1680.8	75	IP55	F
MV4-16E75B31S-ATAN	315S	160	271	95.6	0.98	2037.3	75	IP55	F
MV4-18E75B31M-ATAN	315M	185	313	95.6	0.98	2355.7	75	IP55	F
MV4-20E75B31L-ATAN	315L	200	338	95.6	0.98	2546.7	75	IP55	F
MV4-22E75B35M-ATAN	355M	220	372	95.6	0.98	2801.3	75	IP55	F
MV4-25E75B35M-ATAN	355M	250	423	95.6	0.98	3183.3	75	IP55	F

**По вопросам продаж и поддержки обращайтесь:**

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