

Energy efficient , beautiful environment



COMPANY INTRODUCTION

Shenzhen K-Easy Automation Co.,Limited is a professional manufacturer, specialize in R&D And production of AC drives. We have built up a comprehensive product family. Frequency inverters' power covers the range from 0.4 to 630kW, and voltage range is between 220V and 480V. More than inverters are running smoothly 300, 000 units at different industrial sites.

Why Us

- ◆ We believe "quality is life" ,so we will test all products before shipment,All Module of our VFD will be used quality is life with Infineon only, With years of persistence, the total failure ratio of Our frequency inverters has been controlled below 1%. We never lose a customer because of the quality problem;
- ◆ With Strong R&D and Engineer Team, makes our after-service very easy, For all doubts and requesting for technologies supporting, We can offer detailed Solution without delay, so for us, "Not Only Products, But also solutions" ;
- ◆ All our products will be offered with 24 months Warranty Period instead of 18 months.

Join us, enjoy the business.



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Version: A01



CF600 Series
Industrial ceiling fan inverter machine

CBR600 Series
Universal energy consumption brake unit



CF600 Series



HIGH INTEGRATION



HIGH CONTROL PRECISION

CF600 industrial fan machine is mainly composed of variable frequency driver, power-on knob switch, speed regulating positioner and LCD display. Set a variety of functions, smooth start ultra-quiet, small size, easy operation, energy saving and other advantages. Automatic identification of motor position, stable operation in the full speed range, 5HZ low frequency can output rated torque.

Compatible with asynchronous, synchronous motor control, while supporting a variety of expansion accessories.

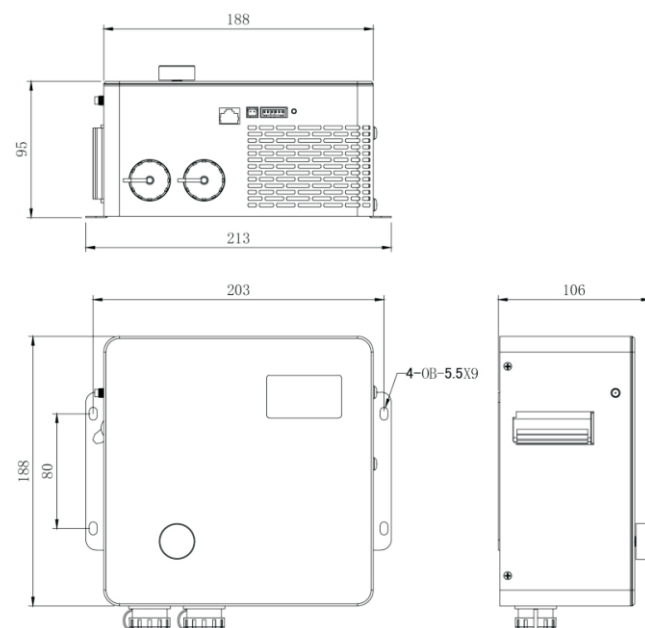


RATED PARAMETER

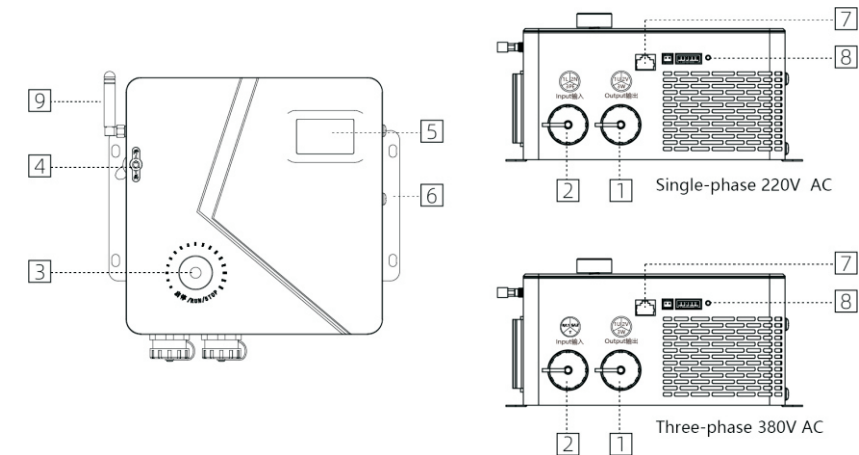
Model	Power (KW)	Input voltage(V)
CF600-3SR75G	0.75	200~240(single or three phase)
CF600-3S1R5G	1.5	
CF600-4TR75	0.75	380V~440V(three -phase)
CF600-4T1R5	1.5	
CF600-4T2R2	2.2	

Model	Input current	Output current
CF600-3SR75G	8.2	4
CF600-3S1R5G	14	7
CF600-4TR75	3.4	2.1
CF600-4T1R5	5.9	3.8
CF600-4T2R2	8	5.1

PRODUCT SIZE

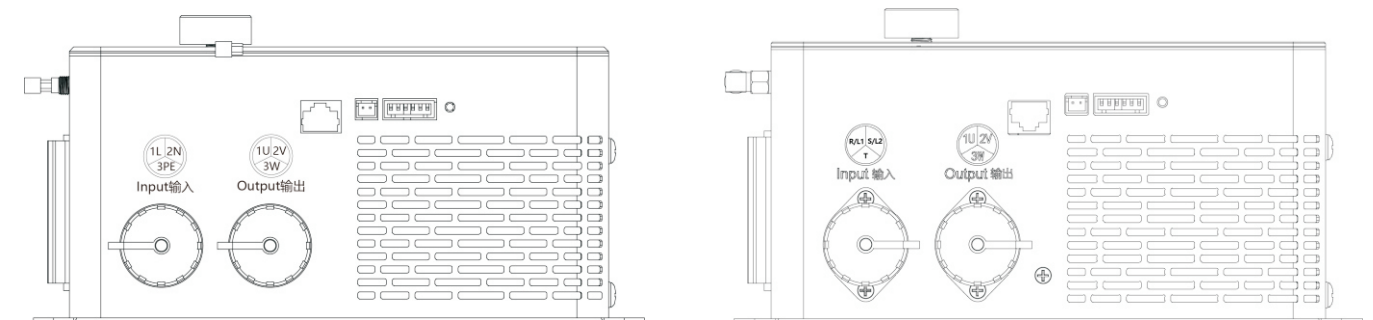


APPEARANCE FUNCTION



Number	Name	Function description
①	Total power control area	The main power switch of the controller is ON. OFF indicates off; The factory setting is OFF
②	Power input cable aviation plug	Power input connector
③	Liquid crystal display area	Display the actual motor speed and alarm parameters
④	Operating knob	Start, stop, speed control function, clockwise rotation, speed from 0 to rated speed
⑤	Parameter debugging interface	Standard network cable interface, used when debugging product parameters
⑥	Hide key	One key self-study key, manufacturers debug
⑦	Motor line aviation plug	Connect the motor input cable

TERMINAL



Terminal symbol	Terminal name	Function description	
Input power supply	R/L1	Three-phase (single-phase) main circuit power input	Three-phase AC power input terminal, connected to the power supply
	S/L2		
	T		
Grounding	PE(PE)		
Output motor	U	Industrial ceiling fan output terminal	Three-phase output terminal, connected to the motor
	V		
	W		

CBR600 Series

CBR600 series energy consumption braking units are mainly used in large inertia loads, four-quadrant loads, fast stops and long time energy feedback occasions. During the braking of the driver, due to the mechanical inertia of the load, the kinetic energy will be converted into electric energy and fed back to the driver, resulting in the DC bus voltage of the driver rising. The energy consumption brake unit converts excess electrical energy into resistive thermal energy consumption to prevent excessive bus voltage from damaging the driver. The energy consumption brake unit has over current, over voltage, over temperature, brake resistance short circuit protection, etc. With the parameter setting function, the user can set the braking start and stop voltage; It can also realize the need of high power driver braking through master and slave parallel.



PRODUCT CHARACTERISTICS



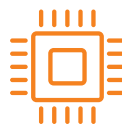
Voltage level:
AC380V and AC690V



Support LED and LCD
display, flexible
parameter Settings.



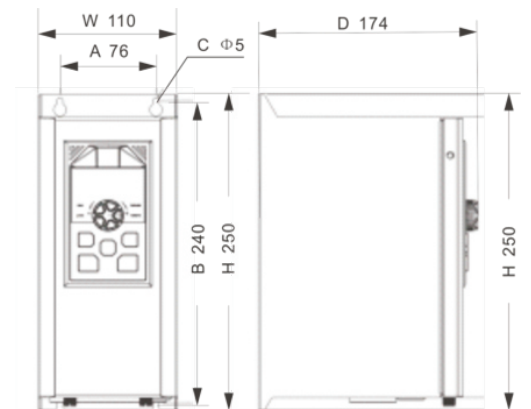
IP21 protection class



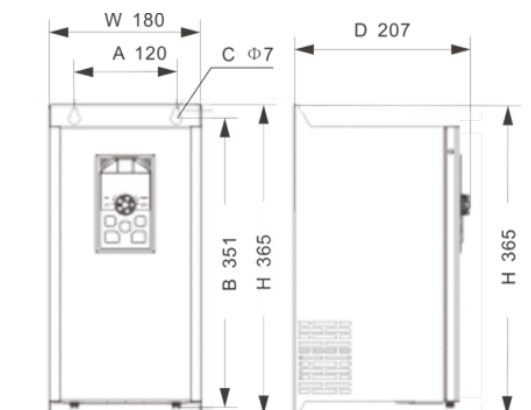
Power range:
37KW to 800KW

PRODUCT MODEL AND SPECIFICATION

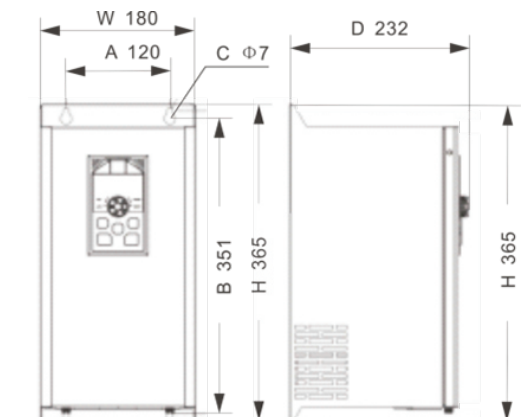
Brake unit type	Voltage level (V)	Minimum allowable resistance (Ω)	Peak current (A)	Maximum adaptive inverter power (KW)	Cable cross-sectional area (mm ²)
CBR600-4T037	380	24	32	37	6
CBR600-4T075	380	12	60	75	6
CBR600-4T132	380	6.8	110	132	10
CBR600-4T200	380	3.4	210	200	10
CBR600-4T315	380	2.3	310	315	16
CBR600-4T450	380	1.5	470	450	16
CBR600-4T630	380	1.0	700	630	25
CBR600-7T037	690	40	30	37	6
CBR600-7T075	690	20	60	75	6
CBR600-7T132	690	12	90	132	10
CBR600-7T200	690	6	190	200	10
CBR600-7T315	690	4	280	315	16
CBR600-7T450	690	2.6	430	450	16
CBR600-7T630	690	1.8	630	630	25
CBR600-7T800	690	1.7	650	800	25



CBR600-4T132/CBR600-7T132 and below installation dimensions hole position diagram



CBR600-4T200 and below installation dimensions hole position diagram



CBR600-7T200 and below installation dimensions hole position diagram

DIMENSIONS OF MOUNTING HOLES

Model	Installation size (mm)		Dimensions (mm)			Aperture
	A	B	H	W	D	
CBR600-4T037	76	240	250	110	174	Φ5
CBR600-4T075	76	240	250	110	174	Φ5
CBR600-4T132	76	240	250	110	174	Φ5
CBR600-4T200	120	351	365	180	207	Φ7
CBR600-4T315	120	351	365	180	207	Φ7
CBR600-4T450	120	351	365	180	207	Φ7
CBR600-4T630	120	351	365	180	207	Φ7
CBR600-7T037	76	240	250	110	174	Φ5
CBR600-7T075	76	240	250	110	174	Φ5
CBR600-7T132	76	240	250	110	174	Φ5
CBR600-7T200	120	351	365	180	207	Φ7
CBR600-7T315	120	351	365	180	207	Φ7
CBR600-7T450	120	351	365	180	207	Φ7
CBR600-7T630	120	351	365	180	207	Φ7