



Product Launch Announcement

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Introduction

VFD-CP2000 Light Duty Rated current change. Ver. A → Ver. B

Frame	Ver. A Model	Ver. B Model	Light Duty rated current	
			Ver. A	Ver.B
A	VFD015CP43A/4EA-21	VFD015CP43B/4EB-21	3.7	4.2
	VFD022CP43A/4EA-21	VFD022CP43B/4EB-21	5	5.5
	VFD037CP43A/4EA-21	VFD037CP43B/4EB-21	7.5	8.5
	VFD055CP43A/4EA-21	VFD055CP43B/4EB-21	12	13
	VFD075CP43A/4EA-21	VFD075CP43B/4EB-21	14	18
B	VFD110CP43A/4EA-21	VFD110CP43B/4EB-21	22.5	24
	VFD150CP43A/4EA-21	VFD150CP43B/4EB-21	30	32
	VFD185CP43A/4EA-21	VFD185CP43B/4EB-21	36	38
C	VFD300CP43A/4EA-21	VFD300CP43B/4EB-21	56	60
	VFD370CP43A/4EA-21	VFD370CP43B/4EB-21	72	73
D	VFD750CP43A-00/21	VFD750CP43B-00/21	144	150
E	VFD1320CP43A-00/21	VFD1320CP43B-00/21	246	260
F	VFD1850CP43A-00/21	VFD1850CP43B-00/21	343	370



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Specifications

460V		Frame	A						B			C			
		Models : VFD-____CP43_-____ VFD-____CP4E_-____	007	015	022	037	040	055	075	110	150	185	220	300	370
Output Rating	Light Duty	Rated Output Capacity(kVA)	2.4	3.3	4.4	6.8	8.4	10.4	14.3	19	25	30	36	48	58
		Rated Output Current (A)	3	4.2*	5.5*	8.5*	10.5	13*	18*	24*	32*	38*	45	60*	73*
		Applicable Motor Output(kW)	0.75	1.5	2.2	3.7	4.0	5.5	7.5	11	15	18.5	22	30	37
		Applicable Motor Output(HP)	1	2	3	5	5	7.5	10	15	20	25	30	40	50
		Overload tolerance	120% of rated current for 1 minute												
	Normal Duty	Rated Output Capacity(kVA)	2.2	2.4	3.2	4.8	7.2	8.4	10	14	19	25	30	36	48
		Rated Output Current (A)	2.8	3.0	4.0	6.0	9.0	10.5	12	18	24	32	38	45	60
		Applicable Motor Output(kW)	0.4	0.75	1.5	2.2	3.7	4.0	5.5	7.5	11	15	18.5	22	30
		Applicable Motor Output(HP)	0.5	1	2	3	5	5	7.5	10	15	20	25	30	40
		Overload tolerance	120% of rated current for 1 minute;160% of rated current for 3 seconds												
Input Rating	Max. output frequency(Hz)	600.00Hz													
	Carrier Frequency (kHz)	2~15kHz(8KHz)										2~10kHz(6kHz)			
	Input Current (A) Light Duty	4.3	6.0	8.1	12.4	16	20	22	26	35	42	47	66	80	
	Input Current (A) Normal Duty	3.5	4.3	5.9	8.7	14	15.5	17	20	26	35	40	47	63	
	Rated Voltage/Frequency	3-Phase AC 380V~480V(-15%~+10%), 50/60Hz													
	Operating Voltage Range	323~528Vac													
	Frequency Tolerance	47~63Hz													
	Cooling method	Natural Cooling						Fan Cooling							
Braking Chopper	Frame A, B, C Built-in														
DC choke	Frame A, B, C Optional														
EMI Filter	Frame A, B, C of VFD____CP4E_-____, EMI filter Built-in Frame A, B, C of VFD____CP43E_-____, EMI filter not Built-in														

460V		Frame	D				E		F		G		H		
		Models VFD-____CP43_-____	450	550	750	900	1100	1320	1600	1850	2200	2800	3150	3550	4000
Output Rating	Light Duty	Rated Output Capacity(kVA)	73	88	120	143	175	207	247	295	367	422	491	544	613
		Rated Output Current (A)	91	110	150*	180	220	260*	310	370*	460	530	616	683	770
		Applicable Motor Output(kW)	45	55	75	90	110	132	160	185	220	280	315	355	400
		Applicable Motor Output(HP)	60	75	100	125	150	175	215	250	300	375	425	475	536
		Overload tolerance	120% of rated current for 1 minute												
	Normal Duty	Rated Output Capacity(kVA)	58	73	88	120	143	175	207	247	295	367	438	491	544
		Rated Output Current (A)	73	91	110	150	180	220	260	310	370	460	550	616	683
		Applicable Motor Output(kW)	37	45	55	75	90	110	132	160	185	220	280	315	355
		Applicable Motor Output(HP)	50	60	75	100	125	150	175	215	250	300	375	425	475
		Overload tolerance	120% of rated current for 1 minute;160% of rated current for 3 seconds												
Input Rating	Max. output frequency(Hz)	600.00Hz						400.00Hz							
	Carrier Frequency (kHz)	2~10kHz(6KHz)						2~9kHz(4KHz)							
	Input Current (A) Light Duty	91	110	150	180	220	260	310	370	460	530	616	683	770	
	Input Current (A) Normal Duty	74	101	114	157	167	207	240	300	380	400	494	555	625	
	Rated Voltage/Frequency	3-Phase AC 380V~480V(-15%~+10%), 50/60Hz													
	Operating Voltage Range	323~528Vac													
	Frequency Tolerance	47~63Hz													
	Cooling method	Fan Cooling													
Braking Chopper	Frame D and above: Optional														
DC choke	Frame D and above: 3% built-in														
EMI Filter	Frame D and above: Optional														

*Rated current for B type model (e.g. VFD015CP43B-21)



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Ordering Information

<p>Frame A</p> 	<p>230V: 0.75kW~5.5kW</p> <p>460V: 0.75kW~7.5kW</p>	<p>VFD007CP23A-21 VFD015CP23A-21 VFD022CP23A-21 VFD037CP23A-21 VFD055CP23A-21</p>	<p>VFD007CP43A-21 VFD015CP43B-21 VFD022CP43B-21 VFD037CP43B-21 VFD040CP43A-21 VFD055CP43B-21 VFD075CP43B-21</p>	<p>VFD007CP4EA-21 VFD015CP4EB-21 VFD022CP4EB-21 VFD037CP4EB-21 VFD040CP4EA-21 VFD055CP4EB-21 VFD075CP4EB-21</p>
<p>Frame B</p> 	<p>230V: 7.5kW~15kW</p> <p>460V: 11kW~18.5kW</p>	<p>VFD075CP23A-21 VFD110CP23A-21 VFD150CP23A-21</p>	<p>VFD110CP43B-21 VFD150CP43B-21 VFD185CP43B-21</p>	<p>VFD110CP4EB-21 VFD150CP4EB-21 VFD185CP4EB-21</p>
<p>Frame C</p> 	<p>230V: 18.5kW~30kW</p> <p>460V: 22kW~37kW</p>	<p>VFD185CP23A-21 VFD220CP23A-21 VFD300CP23A-21</p>	<p>VFD220CP43A-21 VFD300CP43B-21 VFD370CP43B-21</p>	<p>VFD220CP4EA-21 VFD300CP4EB-21 VFD370CP4EB-21</p>
<p>Frame D</p> 	<p>230V: 37kW~45kW</p> <p>460V: 45kW~90kW</p>	<p>Frame D1: VFD370CP23A-00 VFD450CP23A-00 VFD450CP43A-00 VFD550CP43A-00 VFD750CP43B-00 VFD900CP43A-00</p>	<p>Frame D2: VFD370CP23A-21 VFD450CP23A-21 VFD450CP43A-21 VFD550CP43A-21 VFD750CP43B-21 VFD900CP43A-21</p>	<p>Frame D0-2: VFD450CP43S-21 VFD550CP43S-21</p>



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Ordering Information

<p>Frame E</p> 	<p>230V: 55kW~90kW</p> <p>460V: 110kW~132kW</p>	<p>Frame E1: VFD550CP23A-00 VFD750CP23A-00 VFD900CP23A-00 VFD1100CP43A-00 VFD1320CP43B-00</p>	<p>Frame E2: VFD550CP23A-21 VFD750CP23A-21 VFD900CP23A-21 VFD1100CP43A-21 VFD1320CP43B-21</p>
<p>Frame F</p> 	<p>460V: 160kW~185kW</p>	<p>Frame F1: VFD1600CP43A-00 VFD1850CP43B-00</p>	<p>Frame F2: VFD1600CP43A-21 VFD1850CP43B-21</p>
<p>Frame G</p> 	<p>460V: 220kW~280kW</p>	<p>Frame G1: VFD2200CP43A-00 VFD2800CP43A-00</p>	<p>Frame G2: VFD2200CP43A-21 VFD2800CP43A-21</p>
<p>Frame H</p> 	<p>460V: 315kW~400kW</p>	<p>Frame H1: VFD3150CP43A-00 VFD3550CP43A-00 VFD4000CP43A-00</p>	<p>Frame H2: VFD3150CP43C-00 VFD3550CP43C-00 VFD4000CP43C-00</p> <p>Frame H3: VFD3150CP43C-21 VFD3550CP43C-21 VFD4000CP43C-21</p>



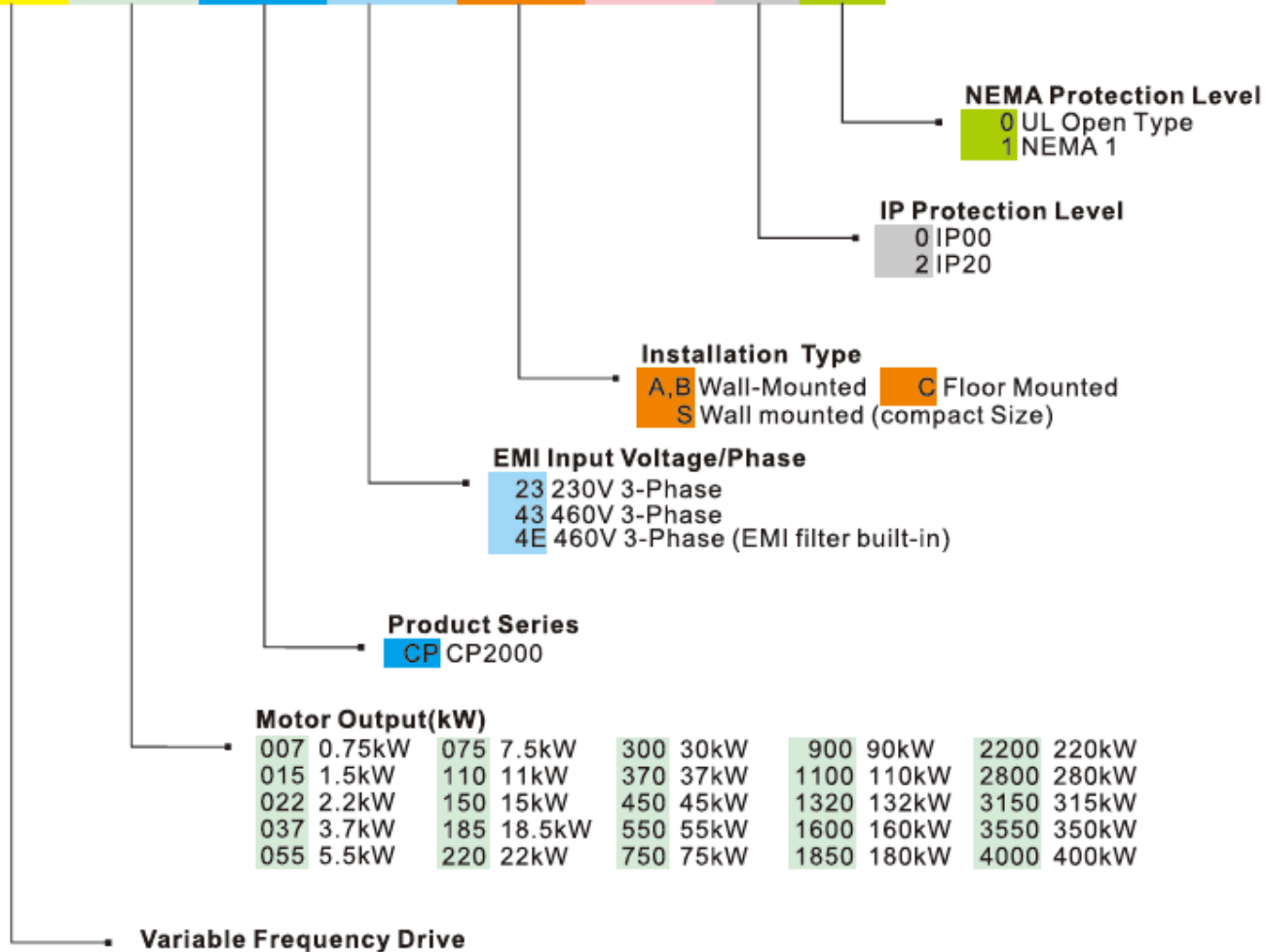
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Model Name

VFD 1100 CP 43 A - 2 1





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Dimensions

The dimensions of CP2000 Ver. A and Ver. B are totally the same and also use the same method to install.

CP2000 Ver. B Launch Date

CP2000 Ver. B:	CP2000 Ver. A:
Purchase Order Date: February 5, 2013	Last Purchase Order Date: February 4, 2013
Official M/P Date: April 1, 2013	Last Shipment Date: March 29, 2013

NOTE: Warranty and service of CP2000 Version A will be provided for a period of five years from the discontinuation date.