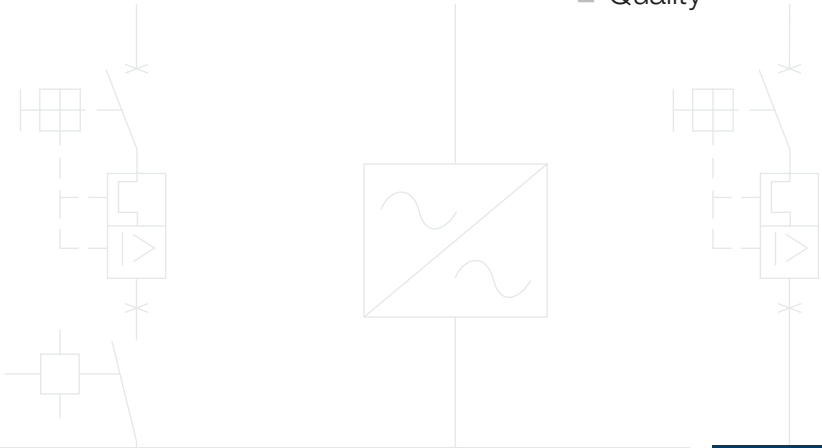


CFW700

Variable Frequency Drive

- Tough
- Reliable
- Durable
- Quality



A vertical column of color swatches in various shades of blue, ranging from dark navy to light sky blue. At the bottom of this column is the 'weq' logo in a bold, blue, sans-serif font.





CFW 700 Series

The WEG CFW700 Series was designed to exceed industry expectations. Based on the robust CFW11 platform the CFW700 is designed and optimized for variable torque applications such as pumps and fans.

A unique drive with unique characteristics:

- Simplicity – same programming as all other WEG drives
- Dual DC Bus chokes (6%) for longer VFD lifetime, reduces harmonics eliminating the need for external line reactors
- 24VDC Power Supply for process transducers - Standard
- Soft-PLC with free programming software
- Encoder Input - Standard
- RS-485 Modbus RTU - Standard
- Conformal Coated boards for harsh industrial environments
- Rated 50 °C (122 °F) – up to 60 °C (140 °F) with derating
- Self-tuning function automatically matches VFD with motor
- UL, cUL, CE, C-Tick, GOST, IRAM, INMETRO approved

The CFW700 is the optimal drive for pump and fan control. The drive includes features such as built in PID controllers that can be programmed in engineering units for ease of understanding and set up. The drive also features an integrated power supply to be used with external transducers to measure flow or pressure.

These features combined with the drive's keypad based start up guide, make installation and parameter set up fast and easy.



TECHNOLOGY

WEG Vectrue Technology® uses field oriented vector control algorithms

4 in 1: four control modes in one drive, Linear and adjustable V/F, VVW (Voltage Vector WEG), field oriented Sensorless Vector and Vector with encoder

Energy saving V/F control allows user to adjust V/F curve to match a quadratic (centrifugal) load, optimizing the drive for the specific application and maximizing energy savings.

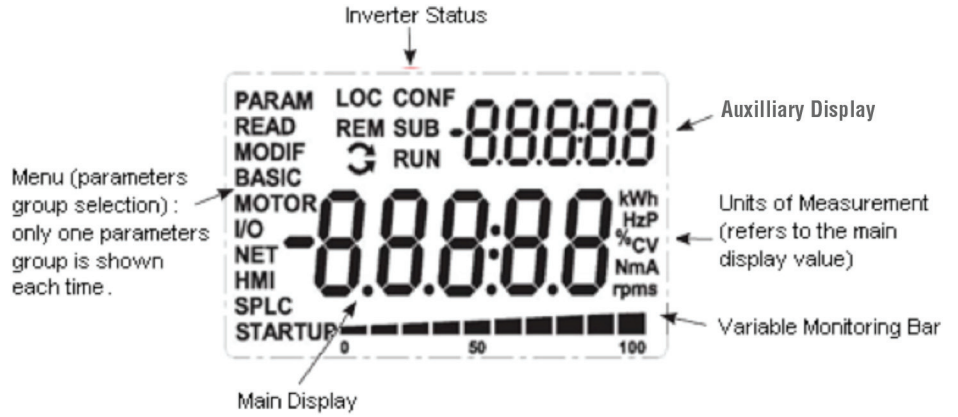
WEG, a leading global motor manufacturer, has been manufacturing VFDs and soft starts for nearly 30 years. All our VFDs and all our soft starts are designed and manufactured by WEG. We maintain strenuous quality control standards and our drives, like our motors, are built to last a lifetime.



Keypad

The CFW700 comes equipped with a numeric LCD display capable of providing readings for programming, guiding start-up, and troubleshooting.

- Back light LCD display
- Displays 3 variables simultaneously



Remote mounting HMI for panel assembly solutions (it can be placed up to 100ft from the drive)



CFW 700 Rating

Motor Voltage 220/230V

Power Supply		Model
200-240 V	10	CFW700A06POS2
		CFW700A07POS2
		CFW700A10POS2
	1/30	CFW700A06POB2
		CFW700A07POB2
	30	CFW700A07POT2
		CFW700A10POT2
		CFW700A13POT2
		CFW700A16POT2
		CFW700B24POT2
		CFW700B28POT2
		CFW700B33POT2
		CFW700C45POT2
		CFW700C54POT2
		CFW700C70POT2
		CFW700D86POT2
		CFW700D105POT2
		CFW700E0142POT2
		CFW700E0180POT2
		CFW700E0211POT2

Normal Duty (ND)	NEMA	Heavy Duty (ND)	NEMA
	60Hz 230V		60Hz 230V
A	HP	A	HP
6	1.5	5	1
7	2	7	2
10	3	10	3
6	1.5	5	1
7	2	7	2
7	2	5.5	1
10	3	8	2
13	3	11	3
16	5	13	3
24	7.5	20	5
28	10	24	7.5
33.5	10	28	10
45	15	36	10
54	20	45	15
70	25	56	20
86	30	70	25
105	40	86	30
142	50	115	40
180	60	142	50
211	75	180	60

Motor Voltage 460/480V

Power Supply		Model
460-480 V	30	CFW700A03P6T4
		CFW700A05P0T4
		CFW700A07P0T4
		CFW700A10P0T4
		CFW700A13P5T4
		CFW700B17P0T4
		CFW700B24P0T4
		CFW700B31P0T4
		CFW700C38P0T4
		CFW700C45P0T4
		CFW700C58P5T4
		CFW700D70P5T4
		CFW700D88P0T4
		CFW700E0105T4
		CFW700E0142T4
		CFW700E0180T4
		CFW700E0211T4

Normal Duty (ND)	NEMA	Heavy Duty (ND)	NEMA
	60Hz 460V		60Hz 460V
3.6	2	3.6	2
5	3	5	3
7	3	5.5	3
10	5	10	5
13.5	7.5	11	7.5
17	10	13.5	7.5
24	15	19	10
31	20	25	15
38	25	33	20
45	30	38	25
58.5	40	47	30
70.5	50	61	40
88	60	73	50
105	75	88	60
142	100	115	75
180	150	142	100
211	150	180	150

Motor power ratings should be used only as guidance. Motor rated currents may vary with speed and manufacturer. NEMA motor powers are based on NEC table 430-150.

Please contact your authorized distributor:



WEG Electric Corp.
 6655 Sugarloaf Parkway
 Duluth, GA 30097
 Phone: 1-800-ASK-4WEG
 web: www.weg.net