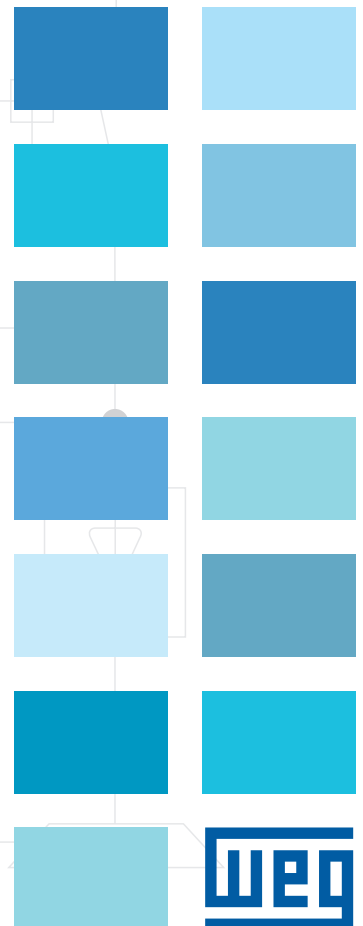
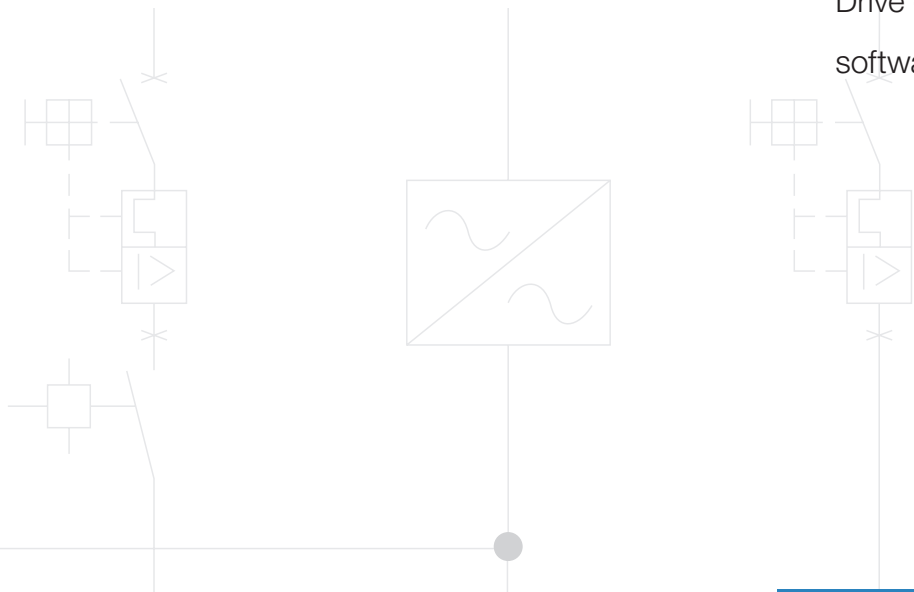


# CFW11

## Variable Frequency Drive

- Easy installation of options and accessories
- Free superdrive PC/ Drive communication software



# Variable Frequency Drives

WEG's CFW11 uses state-of-the-art technology to control motors up to 600HP. Aimed at increasing customers productivity, the CFW11 offers the following innovations:



## Applications

- Pumps
- Fans / Blowers
- Conveyors
- Compressors
- Agitators and Mixers
- Extruders
- Grizzly Feeders
- Centrifuges
- Cranes and Hoists
- Rollout Tables
- Presses
- Saws

## Standard Features

- Same programming as all other WEG VFD's
- Plug and play philosophy (connect and use) enables quick and easy installation of accessories and options.
- USB for microcomputer connection for using SUPERDRIVE programming and monitoring software as well as updating inverter firmware.
- Human-Machine Interface (HMI) with backlit graphic display and soft-keys, greatly facilitates inverter programming and operation.
- DC link inductors (symetrically connected to positive and negative DC link terminals) enable compliance with IEC61000-3-12 standard requirements regarding harmonics, (no need for external line reactance)
- Intelligent thermal management enables full protection of IGBTs, monitoring of heatsink and internal air temperature.
- Automatic control of the heatsink fan with speed sensor (additional protection) and easily detachable from the unit for cleaning and maintenance.
- Normal Duty and Heavy Duty ratings to adapt optimally to all kinds of loads.
- Protection with failure and alarm warnings.
- Motor overload protection in compliance with IEC 60947-4-2/UL 508 C.
- Memory card built into the standard product allows user to create functions without the need to use an external PLC (soft-PLC via IEC61131-3 programming software)
- Guided start-up simplifies initial user programming.
- Real time clock
- TRACE / SCOPE function to assist with the start-up and system diagnostics.

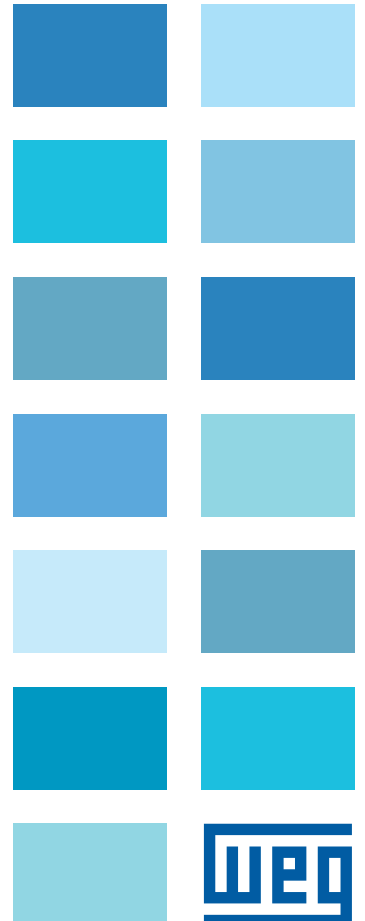
## Options

- Safety stop in compliance with EN 954 - 1 / category III\*\*
- External control feed with 24 Vdc
- RFI filter in compliance with EN 61800 - 3 (internal)\*\*
- DB Resistors available upon request

## Mounting Options



\*\* Factory ordered



# CFW11

## Variable Frequency Drives 1.5 to 600 HP

### Coding

<b>1.</b> CFW11	<b>2</b> 0006	<b>3</b> T	<b>4</b> 4	<b>5</b> 0	<b>6</b> N1	<b>7</b> Z
--------------------	------------------	---------------	---------------	---------------	----------------	---------------

#### 1. CFW11 series

<b>2. Frame Size:</b>	= A, B, C, D or E	0006 = 6 Amps
		0024 = 24Amps
		0242 = 242Amps
		0601 = 601 Amps

<b>3. Number of Phase:</b>	B = Single phase or Three phase
	S = Single phase
	T = Three Phase

<b>4. Input Voltage:</b>	2 = 200...240VAC
	4 = 380...480VAC

<b>5. Options:</b>	S = Standard
	0 = An option function built-in (Ex. ON1 - NEMA1 included)

<b>6. Enclosure:</b>	N1 = NEMA 1
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<b>7. End of Code:</b>	Z
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# Variable Frequency Drives

## CFW11

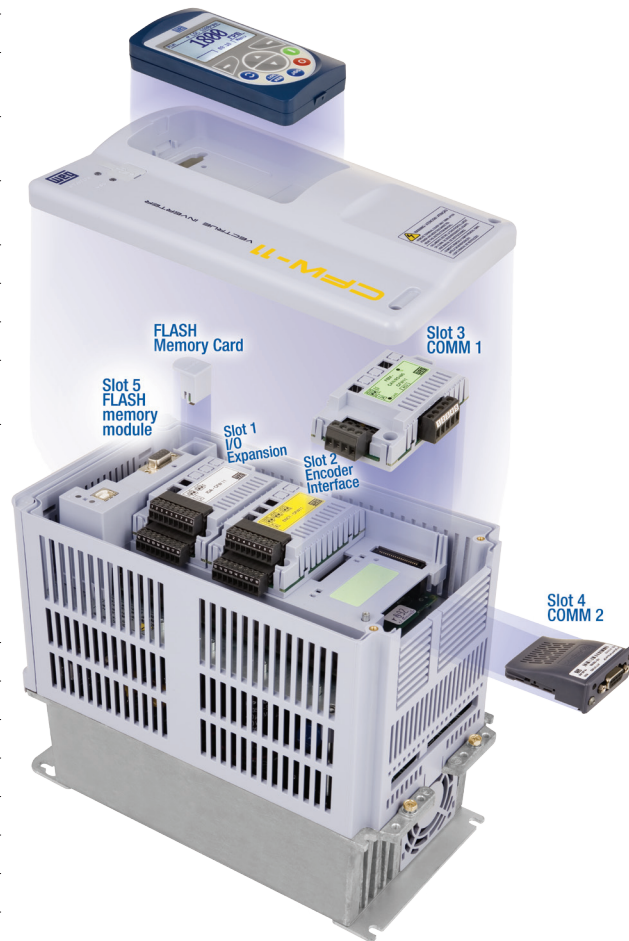
### Plug and Play

The CFW11 frequency inverter incorporates Plug and Play technology automatically recognizing and configuring accessories and options used, enabling easy installation and safe operation while eliminating manual configuration.

### Accessories

Name	Description	Slot
<b>IOA-01</b>	IOA Module for CFW11: 1 analog input (AI4 - 14 bits, voltage or current); 2 digital inputs; 2 analog outputs (AO3 and AO4 -14 bits, voltage or current); 2 digital outputs (open-collector). All analog input and output are galvanic isolated.	1
<b>IOB-01</b>	IOB Module for CFW11: 2 isolated analog inputs (AI3 and AI4 - 12 bits, voltage or current); 2 digital inputs; Provides Galvanic Isolation for AO1 and AO2 - 11 bits, voltage or current); 2 digital outputs (open-collector). All analog inputs and outputs are galvanically isolated.	1
<b>IOC-01 (*)</b>	8 digital inputs and outputs	1
<b>IOE-01 (*)</b>	6 - PT100 or KTY 84 - thermistor inputs	1
<b>ENC-01</b>	Interface for incremental encoder 5 to 12Vdc, 100kHz (1) with repeater	2
<b>ENC-02</b>	Interface for incremental encoder 5 to 12Vdc, 100kHz(1)	2
<b>RS485-01</b>	Interface for RS-485 serial communication (modbus)	3
<b>RS232-01</b>	Interface for RS-232C serial communication	3
<b>CAN/RS485-01</b>	CAN interface (CANopen, DeviceNet); RS-485	3
<b>CAN-01</b>	CAN interface (CANopen, DeviceNet)	3
<b>PROFIBUS DP-01 (*)</b>	Profibus DP interface	3
<b>PLC11-01 (*)</b>	PLC functions; IEC programming; electronic gear box	1, 2 and 3
	9 digital inputs; 3 relay outputs; 3 digital outputs	
	14-bit analog input; 2 analog outputs with 14-bit resolution	
	2 encoder interfaces; RS-485 MODBUS-RTU; CAN (CANopen, DeviceNet, CANopen master/slave)	
<b>PROFIBUS DP-05*</b>	Profibus DP interface (Anybus)	4
<b>Devicenet-05*</b>	Devicenet 4 interface (Anybus)	4
<b>EtherNet IP-05 (*)</b>	Ethernet IP interface (Anybus)	4
<b>HMID - 01</b>	Blind cover for slot HMI	-
<b>RHMIF - 01</b>	Frame for remote HMI	-
<b>KN1A - 01</b>	Conduit kit for size A	-
<b>KN1B - 01</b>	Conduit kit for size B	-
<b>KN1C - 01</b>	Conduit kit for size C	-

**Note:** \* Anybus card goes in slot 4 and allows the user to combine PLC11 board with Profibus DP-05, Devicenet-05 or Ethernet IP-05



# Variable Frequency Drives CFW11

## Superdrive Programming Software



Programming software for PC (USB connection), Windows™ environment for parametrization, command and monitoring of CFW11 inverters.

## Human/Machine Interface

Left soft key: function defined by the text in the display

Right soft key: function defined by the text in the display.



## Monitoring Modes

**a) Bar Graphics**

rpm	100%
A	51%
Hz	100%

**b) Numerical Values**

Run e LOC 1800rpm  
1800 rpm  
17.1 A  
60.0 Hz  
08:12 Menu

**c) Large Characters**

Run e LOC 1800rpm  
1800 rpm  
08:18 Menu

Annotations for (b) and (c):  
 - State: Run  
 - Direction of rotation: e  
 - (LOC / REM) status: LOC  
 - Speed: 1800 rpm  
 - Left soft key function: (LOC / REM)  
 - Time: 08:12  
 - Right soft key function: Menu





# Variable Frequency Drives CFW11

(NEMA1/IP21 Frame size A, B, C – NEMA1/IP20 Frame Size D)

Motor Volts	HP	Amps	HP	Amps	CATALOG NUMBER	Frame Size	Enclosure	DB	DIMENSIONS H x W x D	App. Shpg. Wt. (lbs.)	Multiplier Symbol	
<b>INPUT POWER SUPPLY: SINGLE OR THREE PHASE - 200...240V</b>												
	1.5	6	1.5	5	CFW110006B20N1Z	A	NEMA 1	YES	12.04 x 5.71 x 8.94	19.9	V1	
	2	7	2	7	CFW110007B20N1Z	A	NEMA 1		12.04 x 5.71 x 8.94	20.8	V1	
<b>INPUT POWER SUPPLY: SINGLE PHASE - 200...240V</b>												
	3	10	3	10	CFW110010S20N1Z	A	NEMA 1	YES	12.04 x 5.71 x 8.94	20.8	V1	
<b>INPUT POWER SUPPLY: THREE PHASE - 200...240V</b>												
230V	2	7	1.5	5.5	CFW110007T20N1Z	A	NEMA 1	YES	12.04 x 5.71 x 8.94	19.9	V1	
	3	10	2	8	CFW110010T20N1Z	A	NEMA 1		12.04 x 5.71 x 8.94	19.9	V1	
	5	13	3	11	CFW110013T20N1Z	A	NEMA 1		12.04 x 5.71 x 8.94	20.8	V1	
	5	16	5	13	CFW110016T20N1Z	A	NEMA 1		12.04 x 5.71 x 8.94	21.2	V1	
	7.5	24	7.5	20	CFW110024T20N1Z	B	NEMA 1		13.82 x 7.45 x 8.94	28.5	V1	
	10	28	10	24	CFW110028T20N1Z	B	NEMA 1		13.82 x 7.45 x 8.94	28.5	V1	
	10	33.5	10	28	CFW110033T20N1Z	B	NEMA 1		13.82 x 7.45 x 8.94	28.5	V1	
	15	45	15	36	CFW110045T20N1Z	C	NEMA 1		17.64 x 8.66 x 11.51	44.1	V1	
	20	54	20	45	CFW110054T20N1Z	C	NEMA 1		17.64 x 8.66 x 11.51	45	V1	
	25	70	20	56	CFW110070T20N1Z	C	NEMA 1		17.64 x 8.66 x 11.51	49.2	V1	
	30	86	25	70	CFW110086T20N1Z	D	NEMA 1	19.82 x 11.81 x 12	115.9	V1		
	40	105	30	86	CFW110105T20N1Z	D	NEMA 1	19.82 x 11.81 x 12	120.2	V1		
	50	142	40	115	CFW110142T20N1Z	E	NEMA 1	NO	26.6 x 13.2 x 14.1	150	V1	
	60	180	50	142	CFW110180T20N1Z	E	NEMA 1		26.6 x 13.2 x 14.1	150	V1	
	75	211	60	180	CFW110211T20N1Z	E	NEMA 1		26.6 x 13.2 x 14.1	150	V1	
	50	142	40	115	CFW110142T20N1DBZ	E	NEMA 1		YES	26.6 x 13.2 x 14.1	150	V1
	60	180	50	142	CFW110180T20N1DBZ	E	NEMA 1			26.6 x 13.2 x 14.1	150	V1
	75	211	60	180	CFW110211T20N1DBZ	E	NEMA 1	26.6 x 13.2 x 14.1		150	V1	
	<b>INPUT POWER SUPPLY: THREE PHASE - 380...480V</b>											
	480V	2	3.6	2	3.6	CFW110003T40N1Z	A	NEMA 1	YES	12.04 x 5.71 x 8.94	19.9	V1
3		5	3	5	CFW110005T40N1Z	A	NEMA 1	12.04 x 5.71 x 8.94		20.3	V1	
5		7	3	5.5	CFW110007T40N1Z	A	NEMA 1	12.04 x 5.71 x 8.94		20.3	V1	
7.5		10	5	10	CFW110010T40N1Z	A	NEMA 1	12.04 x 5.71 x 8.94		20.8	V1	
10		13.5	7.5	11	CFW110013T40N1Z	A	NEMA 1	12.04 x 5.71 x 8.94		21.2	V1	
10		17	10	13.5	CFW110017T40N1Z	B	NEMA 1	13.82 x 7.45 x 8.94		28.5	V1	
15		24	10	19	CFW110024T40N1Z	B	NEMA 1	13.82 x 7.45 x 8.94		29.8	V1	
20		31	15	25	CFW110031T40N1Z	B	NEMA 1	13.82 x 7.45 x 8.94		31.3	V1	
25		38	20	33	CFW110038T40N1Z	C	NEMA 1	17.64 x 8.66 x 11.51		45.9	V1	
30		45	25	38	CFW110045T40N1Z	C	NEMA 1	17.64 x 8.66 x 11.51		52.9	V1	
40		58.5	30	47	CFW110058T40N1Z	C	NEMA 1	17.64 x 8.66 x 11.51	54.9	V1		
50/60		70.5	40	61	CFW110070T40N1Z	D	NEMA 1	19.82 x 11.81 x 12	119.5	V1		
75		88	50	73	CFW110088T40N1Z	D	NEMA 1	19.82 x 11.81 x 12	122.8	V1		
75		105	75	88	CFW110105T40N1Z	E	NEMA 1	NO	26.6 x 13.2 x 14.1	150	V1	
100/125		142	75	115	CFW110142T40N1Z	E	NEMA 1		26.6 x 13.2 x 14.1	150	V1	
150		180	100	142	CFW110180T40N1Z	E	NEMA 1		26.6 x 13.2 x 14.1	150	V1	
175		211	125	180	CFW110211T40N1Z	E	NEMA 1		26.6 x 13.2 x 14.1	150	V1	
75		105	75	88	CFW110105T40N1DBZ	E	NEMA 1		YES	26.6 x 13.2 x 14.1	150	V1
100/125		142	75	115	CFW110142T40N1DBZ	E	NEMA 1	26.6 x 13.2 x 14.1		150	V1	
150		180	100	142	CFW110180T40N1DBZ	E	NEMA 1	26.6 x 13.2 x 14.1		150	V1	
175		211	125	180	CFW110211T40N1DBZ	E	NEMA 1	26.6 x 13.2 x 14.1	150	V1		
200		242	150	211	CFW110242T4SZ	F	IP20	NO	48.6 x 16.9 x 14.2	267	V1	
250		312	200	242	CFW110312T4SZ	F	IP20		48.6 x 16.9 x 14.2	271	V1	
300		370	250	312	CFW110370T4SZ	F	IP20		48.6 x 16.9 x 14.2	277	V1	
350		477	300	370	CFW110477T4SZ	F	IP20		48.6 x 16.9 x 14.2	287	V1	
400		515	350	477	CFW110515T4SZ	G	IP20		NO	50 x 21.1 x 16.8	420	V1
500	601	450	515	CFW110601T4SZ	G	IP20	50 x 21.1 x 16.8	425		V1		
600	720	500	601	CFW110720T4SZ	G	IP20	50 x 21.1 x 16.8	441		V1		

Notes: "HP" rating based on FLA values from WEG W22, 2 and 4 poles, 460VAC, NEMA Premium motors".  
 Use as a guide only. Motor FLA may vary with speed and manufacturer.  
 ALWAYS compare motor FLA to Nominal AMPS of VFD and overload conditions.



# Variable Frequency Drives

## CFW11

### Options and Accessories

	DESCRIPTION	CATALOG NUMBER	Multiplier Symbol
I/O Exp Modules	IOA Module for CFW11: 1 analog input (AI4 - 14 bits, voltage or current); 2 digital inputs; 2 analog outputs (AO3 and AO4 - 14 bits, voltage or current); 2 digital outputs (open-collector). All analog input and output are galvanic isolated.	IOA-01	V1
	IOB Module for CFW11: 2 isolated analog inputs (AI3 and AI4 - 12 bits, voltage or current); 2 digital inputs; Provides Galvanic Isolation for AO1 and AO2 - 11 bits, voltage or current); 2 digital outputs (open-collector). All analog inputs and outputs are galvanically isolated.	IOB-01	V1
Encoder Modules	Incremental encoder module, 5 to 12 VDC at 100 KHZ, with encoder signal repeater	ENC-01	V1
	Incremental encoder module, 5 to 12 VDC at 100 KHZ, without encoder signal repeater	ENC-02	V1
Communication Modules	RS-485 serial communication module (Modbus-RTU)	RS485-01	V1
	RS-232C serial communication module (Modbus-RTU)	RS232-01	V1
	RS232C serial communication module with DIP-switches for microcontroller's flash memory programming	RS232-02	V1
	CAN and RS-485 communication module (CANopen / Modbus / DeviceNet)	CAN/RS485-01	V1
	CAN interface module (CANopen / DeviceNet)	CAN-01	V1
	Profibus DP interface module - Anybus card*	PROFDP-05	V1
	DeviceNet interface module - Anybus card*	DEVICENET-05	V1
	Ethernet/IP interface module - Anybus card*	ETHERNET/IP-05	V1
	RS-232 serial communication module (Modbus-RTU)	RS232-05	V1
	RS-485 serial communication module (Modbus-RTU)	RS485-05	V1
PLC & Flash Memory Modules	PLC functions; Ladder programming; electronic gear box; 9 digital inputs; 3 dry-contact digital outputs; 3 open-collector digital outputs; 1 analog input (14 bits); 2 analog outputs (14 bits); 2 encoder interfaces; RS-485 Modbus-RTU interface; CAN interface (CANopen, CANopen master/slave)	PLC11-01	V1
	Flash Memory Module for CFW11	MMF-01	V1
Keypad Accessories and Remote Keypad Cables	CFW11 keypad	HMI-01	V1
	Frame for keypad remote assembly	RHMIF-01	V1
	Blank cover for keypad slot	HMID-01	V1
	1m (3.3ft) remote keypad cable	IHM-CAB-RS-1M	V1
	2m (6.6ft) remote keypad cable	IHM-CAB-RS-2M	V1
	3m (10ft) remote keypad cable	IHM-CAB-RS-3M	V1
	5m (16ft) remote keypad cable	IHM-CAB-RS-5M	V1
	7.5m (25ft) remote keypad cable	IHM-CAB-RS-7.5M	V1
	10m (33ft) remote keypad cable	IHM-CAB-RS-10M	V1
	Remote Station-includes Start PB, Stop PB, 1-NC and 1-NO contact block, Potentiometer 5k and legends (22mm) replaces CFW-REM	CSW-SP3PBS	Z5
	Remote Station-includes Start PB, Stop PB, 1-NC and 1-NO contact block, Potentiometer 5k and legends (30mm) replaces CFW-REM	CSW30-SP3PBS	Z5
Conduit Kit	Conduit Kit for frame size A	KN1A-01	V1
	Conduit Kit for frame size B	KN1B-01	V1
	Conduit Kit for frame size C	KN1C-01	V1
	IP21 Kit for frame size D	KIP21D-01	V1
Shielding Kit	Power Cables Shielding Kit for frame size A	PCSA-01	V1
	Power Cables Shielding Kit for frame size B	PCSB-01	V1
	Power Cables Shielding Kit for frame size C	PCSC-01	V1
	Power cables shielding kit for frame size D	PCSD-01	V1
	Power cables shielding kit for frame size E	PCSD-01	V1

\*Anybus card goes in slot 4 and allows the user to combine the PLC11 board with DeviceNet, Profibus, or Ethernet/IP.

# Variable Frequency Drives

## CFW11

### Technical Data

<b>Supply</b>	200...240V: +10% ...-15% of rated voltage 380...480V: +10% ...-15% of rated voltage
<b>Supply frequency</b>	50/60Hz, +/-2Hz
<b>Output frequency</b>	0 to 300Hz
<b>Types of control</b>	Vector with encoder
	Vector sensorless
	V V W: voltage vector
	V/F (scalar)
<b>Ambient temperature</b>	-10 ...50°C
	up to 60° with output current reduction (2%/°C above 50°C)
<b>Humidity</b>	5 to 90% without condensation
<b>Altitude</b>	0 to 1000m
	Up to 4000m without current reduction (1%n for each 100m above 1000m)
<b>Braking methods</b>	Dynamic braking (available in all standard models)
	Optimal braking
	DC braking
<b>Efficiency</b>	Greater than 97%
<b>Degree of protection</b>	IP21 for models with A, B and C sizes
	IP20 / NEMA1 for models with D size
<b>Possibility of flange mounting</b>	Available in all standard models, rear part of heatsink with IP54 degree of protection
<b>Overload</b>	Normal Duty: 110%, 60s
	Heavy Duty: 150%, 60s
<b>Analog inputs</b>	1 differential, resolution 12 bits, 0 to 10V/(0)4 to 20mA
	1 differential, resolution 11 bits + signal, 0 to +/- 10V/(0)4 to 20mA
<b>Analog outputs</b>	2 isolated, resolution 11 bits, 0 to 10V/(0)4 to 20mA
<b>Digital inputs</b>	6 optoisolated, bi-directional, 24Vdc
<b>Relay outputs</b>	3 reverse contact outputs (NO/NC), 240Vac/1A
<b>Motor thermistor</b>	PTC/PT100/KTY84, use 1 analog output programmed for constant current + 1 analog input programmed for voltage
<b>Supply + 24Vdc available for user</b>	24Vdc +/-20%, 500ma
<b>Norms</b>	IEC 60146 – Semiconductor converters
	UL508C – Safety for power conversion equipment
	EN 50178 – Electronic equipment for use in power installations
	EN 61800-2 – General requirements adjustable speed electrical power drive systems
	EN 61800-5-1 – Safety requirements adjustable speed electrical power drive systems
	EN 61800-3 – EMC product standard including specific test methods adjustable speed electrical power drive systems
	EN 60204 – Electronic equipment of machines
RoHS and WEEE Guidelines	



# Variable Frequency Drives Communication Options & Superdrive

## Profibus, Modbus and Device Net

Description	Catalog Number	Multiplier Symbol
SUPERDRIVE Software	<a href="#">SUPERDRIVE</a>	V1
SUPERDRIVE Software + USB Cable	<a href="#">SUPERDRIVE+USB</a>	V1
SUPERDRIVE KIT - CFW08 (KCS-CFW08 - RS232 PC Cable + CD Software)	<a href="#">KSD-CFW08</a>	V1
SUPERDRIVE KIT - CFW09 (KCS-CFW09 - RS232 PC Cable + CD Software)	<a href="#">KSD-CFW09</a>	V1
SUPERDRIVE G2 KIT - SSW06	<a href="#">KSDG2-SSW06</a>	V1
SUPERDRIVE G2 KIT - SSW07 (KRS-232-SSW07 + CAB-RS-3 + CD Software)	<a href="#">KSDG2-SSW07</a>	V1
RS-232/485 Converter (mounted externally)	<a href="#">MIW-02</a>	V1
RS-485 Kit for PC	<a href="#">417102506</a>	V1

## Communication Options

The table below shows the hardware options required to provide WEG VFD's and Soft Starters with different serial communications or networking capabilities.

	RS-232	RS-485	Profibus-DP	DeviceNet	Modbus-RTU
<b>CFW08</b>	<a href="#">KCS-CFW08</a>	<a href="#">KCS-CFW08</a> <a href="#">MIW-02</a>	<a href="#">KCS-CFW08</a> <a href="#">MIW-02</a> <a href="#">MFW-01/PD</a>	<a href="#">KCS-CFW08</a> <a href="#">MIW-02</a> <a href="#">MFW-01/DN</a>	<a href="#">KCS-CFW08</a> <a href="#">MIW-02</a>
<b>CFW09</b>	See CFW09 accessories				
<b>CFW11</b>	See CFW11 accessories				
<b>SSW03</b>	Standard	<a href="#">MIW-02</a>	<a href="#">MIW-02</a> <a href="#">MFW-01/PD</a>	<a href="#">MIW-02</a> <a href="#">MFW-01/DN</a>	<a href="#">MIW-02</a> <a href="#">MFW-01/MR</a>
<b>SSW04</b>	Standard	<a href="#">MIW-02</a>	<a href="#">MIW-02</a> <a href="#">MFW-01/PD</a>	<a href="#">MIW-02</a> <a href="#">MFW-01/DN</a>	<a href="#">MIW-02</a> <a href="#">MFW-01/MR</a>
<b>SSW05</b>	Standard	<a href="#">MIW-02</a>	<a href="#">MIW-02</a> <a href="#">MFW-01/PD</a>	<a href="#">MIW-02</a> <a href="#">MFW-01/DN</a>	<a href="#">MIW-02</a> <a href="#">MFW-01/MR</a>
<b>SSW06</b>	Standard	<a href="#">KRS-485-SSW06</a>	<a href="#">KFB-PD-SSW06</a>	<a href="#">KFB-DN-SSW06</a>	<a href="#">MIW-02</a> <a href="#">MFW-01/MR</a>
<b>SSW07</b>	See SSW07 Accessories				

"RS-485 Kit for PC" is required when SUPERDRIVE communicates with a multi drive RS-485 network. It is composed of a RS-232/RS-485 converter and a cable to connect to PC.

## Superdrive

WEG Superdrive is a windows based software program that allows serial (RS - 232 or RS - 485) communication between a PC and all WEG Soft Starters and Variable Frequency Drives. Superdrive is an excellent programming, documentation, and troubleshooting tool for WEG Soft Starters and VFD's. Superdrive is available for free download at [www.wegelectric.com](http://www.wegelectric.com).

Hardware accessories may be required depending on the Soft Starter or VFD line.

## Standard Features

- Online and Offline Soft Starter or VFD programming
- Command and Monitoring
- Parameter set storage in a computer file format



# Notes

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**24/7 Technical Support**  
*for Drives and Soft Starters*  

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**1-877-WEG-DRIV**  
(934-3748)  
[www.weg.net](http://www.weg.net)

# Doing Business with



WEG is known for its global sales and service capabilities which allow us to provide custom solutions all over the world. With a full range of IEC/NEMA Global Certifications and a full-line of motors, automation, controls, transformers, and generators, WEG can supply and support the right product for your needs anywhere in the world. To learn more about our company and solutions, or to locate a U.S. Distributor near you, call 1-800-ASK-4WEG.

## **IMPORTANT NUMBERS**

for doing Business with WEG

1-800-ASK-4WEG  
**(275 - 4934)**

1-770-338-1632

1-800-839-2529

1-404-431-1801

1-877-WEG-DRIV  
**(934 - 3748)**

[wegsales@weg.net](mailto:wegsales@weg.net)

[parts@weg.net](mailto:parts@weg.net)



**Sales (M-F, 8am-5pm EST).**

**Fax for inside sales**

**Warranty & Parts**

**After Hours Sales Emergency**

**24/7 Drives Tech Support**

**Email**

**Parts Email**

## **WEG Electric Corp.**

6655 Sugarloaf Parkway, Duluth, GA 30097



WEG Electric Corp. offers the following products, and more! With a full range of IEC/NEMA Global Certifications and a full line of products, WEG can supply the right solution for your needs anywhere in the world. To learn more about WEG's products and solutions or to locate a Distributor near you, please call **1-800-ASK-4WEG** or visit **www.weg.net/us**.

**Low Voltage Motors,  
Single and 3-Phase, 1/8 – 700HP**

General Purpose Motors  
Explosion Proof Motors  
Crusher Duty Motors  
IEC Tru-Metric Motors  
Pump Motors including JP/JM  
P-Base Pump Motors  
Oil Well Pumping Motors  
Pool & Spa Motors  
Brake Motors  
Compressor Duty Motors  
Farm Duty Motors  
Poultry Fan Motors  
Auger Drive Motors  
IEEE 841 Motors  
Stainless Steel Wash Down Motors  
Saw Arbor Motors  
Cooling Tower Motors  
Commercial HVAC Motors  
Pad Mounted Motors  
Vector Duty Motors

**Large Electric Motors**

Low Voltage 3-phase motors up to 2,500HP  
Motors up to 70,000HP and 13,200V  
Wound Rotor Systems (including starters) up to 70,000HP and 13,200V  
Synchronous Motors up to 70,000HP and 13,200V  
Explosion proof motors (Ex-d) up to 1,500kW and 11kV  
Ex-n, Ex-e, Ex-p motors

**Variable Frequency Drives**

Low Voltage 1/4 to 2500HP, 230V – 480V  
Medium Voltage 500-8000HP  
Multi-pump systems  
NEMA 4X  
Dynamic braking resistors  
Line and load reactors  
Plug and play technology  
Network communications: Profibus-DP, DeviceNet, Modbus-RTU  
PLC functions integrated  
Complete line of options and accessories

**Soft Starters**

3-1500HP  
Oriented start-up  
Built-in bypass contactor  
Universal source voltage (230-575V, 50/60Hz)  
Network communications: Profibus-DP, DeviceNet, Modbus-RTU  
Complete Line of options and accessories  
MV Soft-starter 3.3kV, 4.16kV: up to 3500HP, Withdrawable Power Stacks, & 8x PT100 Temperature monitoring

**Controls**

Mini – Contactors  
IEC Contactors  
Thermal Overload Relays  
Manual Motor Protectors  
Molded Case Circuit Breakers  
Smart Relays  
Enclosed Starters: combination & non-combination,  
Pushbuttons & Pilot Lights  
Timing & Motor Protection Relays  
Terminal Blocks

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Custom configured to your specification.  
NEMA 1, 12, 3R, 4 and 4X cabinets  
Quick delivery of preconfigured drives and soft starters  
UL 508 certified  
Low Voltage (230-460)  
Made in the U.S.A.

**Generators**

Brushless Synchronous Generators for diesel gen-sets up to 4,200kVA  
Hydro-generators up to 25,000kVA  
Turbo-generators up to 62,500kVA

**Power Transformers**

Built and engineered in North America  
Voltages < 500kV  
Ratings 5-300MVA  
Station class, oil filled, round core, copper windings  
Special configurations and designs available!  
Ask your WEG Sales Representative for details.  
Designed, built, and engineered to ANSI standards.

**Custom Solution Package Sales**

WEG can package any of its products for ease of sale! Enjoy a single point of contact for the entire package of products and assistance from quote through after-sales support. Ask your WEG Sales Representative for details.

confirmed 8/2012

USACFW1109

Please contact your authorized distributor:



WEG Electric Corp.  
6655 Sugarloaf Parkway  
Duluth, GA 30097  
Phone: 1-800-ASK-4WEG  
web: [www.weg.net](http://www.weg.net)