

CFW500-IP20-G2 (GENERATION-2) VARIABLE SPEED DRIVE

PRICE LIST



Motors | Automation | Energy | Transmission & Distribution | Coatings



CFW500 - IP20 - G2 (GENERATION-2)

IP20 Finger Safe Enclosure

Motor Voltage	ND / VT ¹		HD / CT ¹		Catalog Number	Braking Transistor	Frame Size ⁴	Dimensions (in.) HxWxD	Approx. Weight (lbs.)	List Price	Multiplier New (Old)
	Motor HP ²	Drive Amps ³	Motor HP ²	Drive Amps ³							
230 Vac / 3 Phase	Input Power Supply: Single-Phase 200-240 Vac										
	1/3	1.6	1/3	1.6	CFW500A01P6S2NB20G2	No	A	7.5 x 3.0 x 5.9	1.8	\$451	V1G (V1)
	3/4	2.6	3/4	2.6	CFW500A02P6S2NB20G2	No	A	7.5 x 3.0 x 5.9	1.8	\$463	V1G (V1)
	1 1/2	4.3	1 1/2	4.3	CFW500A04P3S2NB20G2	No	A	7.5 x 3.0 x 5.9	1.8	\$499	V1G (V1)
	2	7.3	2	7.3	CFW500A07POS2NB20G2	No	A	7.5 x 3.0 x 5.9	1.8	\$633	V1G (V1)
	Input Power Supply: Single or Three-Phase 200-240 Vac										
	1/3	1.6	1/3	1.6	CFW500A01P6B2NB20G2	No	A	7.5 x 3.0 x 5.9	1.8	\$456	V1G (V1)
	3/4	2.6	3/4	2.6	CFW500A02P6B2NB20G2	No	A	7.5 x 3.0 x 5.9	1.8	\$467	V1G (V1)
	1 1/2	4.3	1 1/2	4.3	CFW500A04P3B2NB20G2	No	A	7.5 x 3.0 x 5.9	1.8	\$506	V1G (V1)
	2	7.3	2	7.3	CFW500B07P3B2DB20G2	Yes	B	7.9 x 4.0 x 6.3	2.6	\$678	V1G (V1)
	3	10.0	3	10.0	CFW500B10P0B2DB20G2	Yes	B	7.9 x 4.0 x 6.3	2.6	\$789	V1G (V1)
	Input Power Supply: Three-Phase 200-240 Vac										
	2	7.0	2	7.0	CFW500A07P0T2NB20G2	No	A	7.5 x 3.0 x 5.9	1.8	\$628	V1G (V1)
	3	9.6	3	9.6	CFW500A09P6T2NB20G2	No	A	7.5 x 3.0 x 5.9	1.8	\$773	V1G (V1)
	5	16	5	16	CFW500B16P0T2DB20G2	Yes	B	7.9 x 4.0 x 6.3	2.6	\$842	V1G (V1)
	7 1/2	24	7 1/2	24	CFW500C24P0T2DB20G2	Yes	C	8.3 x 5.3 x 6.5	4.4	\$1,427	V1G (V1)
	10	28	10	28	CFW500D28P0T2DB20G2	Yes	D	12.1 x 7.1 x 6.6	9.5	\$1,777	V1G (V1)
	10	33	10	33	CFW500D33P0T2DB20G2	Yes	D	12.1 x 7.1 x 6.6	9.5	\$2,146	V1G (V1)
	15	47	15	47	CFW500D47P0T2DB20G2	Yes	D	12.1 x 7.1 x 6.6	9.5	\$2,910	V1G (V1)
	20	56	20	56	CFW500E56P0T2DB20G2	Yes	E	13.8 x 8.7 x 7.6	22.1	\$3,380	V1G (V1)
	25	77	20	64	CFW500F77P0T2DB20G2 ⁵	Yes	F	21.6 x 11.8 x 10	57.3	\$4,150	V1G (V1)
	30	88	25	75	CFW500F88P0T2DB20G2 ⁵	Yes	F	21.6 x 11.8 x 10	57.3	\$5,200	V1G (V1)
	40	105	30	88	CFW500F0105T2DB20G2 ⁵	Yes	F	21.6 x 11.8 x 10	57.3	\$7,050	V1G (V1)
	50	145	40	115	CFW500G0145T2NB20G2 ⁵	No	G	26.6 x 13.2 x 12.4	114.6	\$8,500	V1G (V1)
	60	180	50	145	CFW500G0180T2NB20G2 ⁵	No	G	26.6 x 13.2 x 12.4	114.6	\$10,250	V1G (V1)
	75	211	60	180	CFW500G0211T2NB20G2 ⁵	No	G	26.6 x 13.2 x 12.4	114.6	\$13,500	V1G (V1)
	50	145	40	115	CFW500G0145T2DB20G2 ⁵	Yes	G	26.6 x 13.2 x 12.4	114.6	\$9,095	V1G (V1)
	60	180	50	145	CFW500G0180T2DB20G2 ⁵	Yes	G	26.6 x 13.2 x 12.4	114.6	\$10,965	V1G (V1)
	75	211	60	180	CFW500G0211T2DB20G2 ⁵	Yes	G	26.6 x 13.2 x 12.4	114.6	\$14,445	V1G (V1)

Notes:

- 1) ND (Normal Duty) / VT (Variable Torque): 110% Overload / 60 Sec;
HD (Heavy Duty) / CT (Constant Torque): 150% Overload / 60 Sec;
- 2) "HP" rating based on WEG W22 motors "average FLA values". Use as a guide only.
- 3) Motor FLA may vary with speed and manufacturer. ALWAYS compare motor FLA to Nominal AMPS of drive.
- 4) Frame Size A to E are rated for 50°C; Frame Size-F is rated for 40°C; Frame Size-G is rated for 45°C.
CFW500 Frame-F & G VFDs have built in Dual DC bus chokes.
- 5) CFW500-IP20-G2, 230VAC, Frame-F & G will be available in October, 2021.

CFW500 - IP20 - G2 (GENERATION-2)

IP20 Finger Safe Enclosure

Motor Voltage	ND / VT ¹		HD / CT ¹		Catalog Number	Braking Transistor	Frame Size ⁴	Dimensions (in.) HxWxD	Approx. Weight (lbs.)	List Price	Multiplier New (Old)
	Motor HP ²	Drive Amps ³	Motor HP ²	Drive Amps ³							
460 Vac / 3 Phase	Input Power Supply: Three-Phase 380-480 Vac										
	1/2	1.0	1/2	1.0	CFW500A01P0T4NB20G2	No	A	7.5 x 3.0 x 5.9	1.8	\$582	V1G (V1)
	1	1.6	1	1.6	CFW500A01P6T4NB20G2	No	A	7.5 x 3.0 x 5.9	1.8	\$604	V1G (V1)
	2	2.6	2	2.6	CFW500A02P6T4NB20G2	No	A	7.5 x 3.0 x 5.9	1.8	\$649	V1G (V1)
	3	4.3	3	4.3	CFW500A04P3T4NB20G2	No	A	7.5 x 3.0 x 5.9	1.8	\$799	V1G (V1)
	3	6.1	3	6.1	CFW500A06P1T4NB20G2	No	A	7.5 x 3.0 x 5.9	1.8	\$982	V1G (V1)
	2	2.6	2	2.6	CFW500B02P6T4DB20G2	Yes	B	7.9 x 4.0 x 6.3	2.6	\$708	V1G (V1)
	3	4.3	3	4.3	CFW500B04P3T4DB20G2	Yes	B	7.9 x 4.0 x 6.3	2.6	\$892	V1G (V1)
	5	6.5	5	6.5	CFW500B06P5T4DB20G2	Yes	B	7.9 x 4.0 x 6.3	2.6	\$1,067	V1G (V1)
	7 1/2	10	7 1/2	10	CFW500B10P0T4DB20G2	Yes	B	7.9 x 4.0 x 6.3	2.6	\$1,207	V1G (V1)
	10	14	10	14	CFW500C14P0T4DB20G2	Yes	C	8.3 x 5.3 x 6.5	4.4	\$1,495	V1G (V1)
	10	16	10	16	CFW500C16P0T4DB20G2	Yes	C	8.3 x 5.3 x 6.5	4.4	\$1,684	V1G (V1)
	15	24	15	24	CFW500D24P0T4DB20G2	Yes	D	12.1 x 7.1 x 6.6	9.5	\$2,229	V1G (V1)
	25	31	25	31	CFW500D31P0T4DB20G2	Yes	D	12.1 x 7.1 x 6.6	9.5	\$2,783	V1G (V1)
	30	39	30	39	CFW500E39P0T4DB20G2	Yes	E	13.8 x 8.7 x 7.6	22.1	\$3,346	V1G (V1)
	40	49	40	49	CFW500E49P0T4DB20G2	Yes	E	13.8 x 8.7 x 7.6	22.1	\$4,214	V1G (V1)
	60	77	50	61	CFW500F77P0T4DB20G2	Yes	F	21.6 x 11.8 x 10	57.3	\$5,700	V1G (V1)
	75	88	60	73	CFW500F88P0T4DB20G2	Yes	F	21.6 x 11.8 x 10	57.3	\$7,300	V1G (V1)
	75	105	75	88	CFW500F0105T4DB20G2	Yes	F	21.6 x 11.8 x 10	57.3	\$8,900	V1G (V1)
	125	142	100	115	CFW500G0142T4NB20G2 ⁵	No	G	26.6 x 13.2 x 12.4	114.6	\$10,200	V1G (V1)
150	180	125	142	CFW500G0180T4NB20G2 ⁵	No	G	26.6 x 13.2 x 12.4	114.6	\$12,500	V1G (V1)	
175	211	150	180	CFW500G0211T4NB20G2 ⁵	No	G	26.6 x 13.2 x 12.4	114.6	\$14,500	V1G (V1)	
125	142	100	115	CFW500G0142T4DB20G2 ⁵	Yes	G	26.6 x 13.2 x 12.4	114.6	\$10,915	V1G (V1)	
150	180	125	142	CFW500G0180T4DB20G2 ⁵	Yes	G	26.6 x 13.2 x 12.4	114.6	\$13,375	V1G (V1)	
175	211	150	180	CFW500G0211T4DB20G2 ⁵	Yes	G	26.6 x 13.2 x 12.4	114.6	\$15,515	V1G (V1)	
575 Vac / Phase ⁶	Input Power Supply: Three-Phase 500-600 Vac										
	1 1/2	1.7	1 1/2	1.7	CFW500C01P7T5DB20	Yes	C	8.3 x 5.3 x 6.5	4.4	\$910	V1G (V1)
	3	3.0	3	3.0	CFW500C03P0T5DB20	Yes	C	8.3 x 5.3 x 6.5	4.4	\$954	V1G (V1)
	3	4.3	3	4.3	CFW500C04P3T5DB20	Yes	C	8.3 x 5.3 x 6.5	4.4	\$1,073	V1G (V1)
	7 1/2	7.0	7 1/2	7.0	CFW500C07P0T5DB20	Yes	C	8.3 x 5.3 x 6.5	4.4	\$1,276	V1G (V1)
	10	10.0	10	10.0	CFW500C10P0T5DB20	Yes	C	8.3 x 5.3 x 6.5	4.4	\$1,621	V1G (V1)
	10	12.0	10	12.0	CFW500C12P0T5DB20	Yes	C	8.3 x 5.3 x 6.5	4.4	\$1,813	V1G (V1)

Notes:

- 1) ND (Normal Duty) / VT (Variable Torque): 110% Overload / 60 Sec;
HD (Heavy Duty) / CT (Constant Torque): 150% Overload / 60 Sec;
- 2) "HP" rating based on WEG W22 motors "average FLA values". Use as a guide only.
- 3) Motor FLA may vary with speed and manufacturer. ALWAYS compare motor FLA to Nominal AMPS of drive.
- 4) Frame Size A to E are rated for 50°C; Frame Size-F is rated for 40°C; Frame Size-G is rated for 45°C.
CFW500 Frame-F & G VFDs have built in Dual DC bus chokes.
- 5) CFW500-IP20-G2, 460VAC, Frame-G will be available in October, 2021.
- 6) All 575V drives are non-stocked items and are still Generation-1 drives, consult WEG for availability.



CFW500 - IP20

Options and Accessories

Type	CATALOG NUMBER	Description	Apprx. Shpg. Wt. (lbs.)	List Price	Multiplier New (Old)
I/O	CFW500-IOS ¹	CFW500 I/O Module; 4 DI, 1 AI, 1 AO, 1 DOR, 1 DOT, 1 RS485, 10vdc, 24vdc	0.2	\$110	GA (V1)
I/O	CFW500-IOD	CFW500 I/O Module; 8 DI, 1 AI, 1 AO, 1 DOR, 4 DOT, 1 RS485, 10vdc, 24vdc	0.2	\$141	GA (V1)
I/O	CFW500-IOAD	CFW500 I/O Module; 6 DI, 3 AI, 2 AO, 1 DOR, 3 DOT, 1 RS485, 10vdc, 24vdc	0.2	\$182	GA (V1)
I/O	CFW500-IOR-B	CFW500 I/O Module; 5 DI, 1 AI, 1 AO, 4 DOR, 1 DOT, 1 RS485, 10vdc, 24vdc	0.2	\$125	GA (V1)
Encoder Input	CFW500-ENC	CFW500 Encoder Module; Quad Input A & B, 1 RS485, 5 DI, 1 AI, 1 AO, 3 DOR, 1 DOT, 24vdc	0.2	\$210	GA (V1)
USB Card	CFW500-CUSB	CFW500 Comm. Module; 1 USB, 1 RS485, 4 DI, 1 AI, 1 AO, 1 DOR, 1 DOT, 10vdc, 24vdc	0.2	\$210	GA (V1)
RS232 Card	CFW500-CRS232	CFW500 Comm. Module; 1 RS232, 1 RS485, 4 DI, 1 AI, 1 AO, 1 DOR, 1 DOT, 24vdc	0.2	\$138	GA (V1)
RS485 Card	CFW500-CRS485-B	CFW500 Comm. Module; 2 RS485, 4 DI, 2 AI, 1 AO, 2 DOR, 1 DOT, 10vdc, 24vdc	0.2	\$143	GA (V1)
CANopen Card	CFW500-CCAN	CFW500 Comm. Module; 1 CAN/DeviceNet, 1 RS485, 2 DI, 1 AI, 1 AO, 1 DOR, 1 DOT, 10vdc, 24vdc	0.2	\$138	GA (V1)
Profibus DP Card	CFW500-CPDP	CFW500 Comm. Module; 2 DI, 1 AI, 1 AO, 1 DOR, 1 DOT, 1 Profibus DP, 1 RS485, 24vdc (DB9 connector)	0.2	\$405	GA (V1)
Profibus DP & DP-V1 Module	CFW500-CPDP2	CFW500 Comm. Module; 1-Profibus DP & DP-V1 100BASE TX RJ-45 Port, 1-RS485, 2-DI, 1-AI, 1-AO, 1-DOR, 1-DOT, 24vdc (Terminal Block Connector)	0.2	\$445	GA (V1)
Modbus TCP Comm. Module	CFW500-CEMB-TCP	"CFW500 Comm. Module; 1-Modbus TCP 100BASE TX RJ-45 Port, 1-RS485, 2-DI, 1-AI, 1-AO, 1-DOR, 1-DOT, 24vdc"	0.2	\$499	GA (V1)
ProfiNet I/O Comm. Module	CFW500-CEPN-IO	"CFW500 Comm. Module; 1-ProfiNet I/O 100BASE TX RJ-45 Port, 1-RS485, 2-DI, 1-AI, 1-AO, 1-DOR, 1-DOT, 24vdc"	0.2	\$499	GA (V1)
EtherNet IP Comm. Module	CFW500-CETH-IP	"CFW500 Comm. Module; 2-DI, 1-AI, 1-AO, 1-DOR, 1-DOT, 1-RS485, 1-EtherNet IP 100BASE TX RJ-45 Port, 24vdc"	0.2	\$499	GA (V1)
STO Module	CFW500-SFY2 ²	CFW500 Safety Function Module; Safe Torque Off (STO) / Stop Category 0, Safe Stop 1 Time Controlled (SS1-t) / Stop Category 1; Safety Category: SIL 3, PL e	1.8	\$140	GA (V1)
STO Module Plug	CFW50X-STO-JMP	CFW50x STO module plug	0.2	\$12	PTD
Flash Memory Module	CFW500-MMF	CFW500 Flash Memory Module for saving and reloading program and parameters to / from the drive.	0.2	\$189	GA (V1)
Remote Keypad - Non Text	CFW500-HMIR ³	CFW500 Remote non-text Keypad for mounting through enclosure door (Mounting Frame Kit is not required).	0.6	\$169	GA (V1)
Remote Keypad - Advanced Text	HMI-01 ⁴	CFW500 Remote Advanced Text Keypad for mounting through enclosure door (Mounting Frame Kit is required).	0.4	\$205	GA (V1)
Remote Keypad - Advanced Text Frame Kit	CFW500-RHMIF	CFW500 Remote Advanced Text Keypad enclosure door mounting frame kit	0.5	\$25	GA (V1)
HMI Cable 1M	CFW500-CCHMIR01M	3.3 ft (1 meter) Remote Keypad Cable	0.5	\$23	GA (V1)
HMI Cable 2M	CFW500-CCHMIR02M	6.6 ft (2 meter) Remote Keypad Cable	0.7	\$31	GA (V1)
HMI Cable 3M	CFW500-CCHMIR03M	9.9 ft (3 meter) Remote Keypad Cable	1.0	\$41	GA (V1)
HMI Cable 5M	CFW500-CCHMIR05M	16 ft (5 meter) Remote Keypad Cable	1.2	\$51	GA (V1)
HMI Cable 7.5M	CFW500-CCHMIR075M	25 ft (7.5 meter) Remote Keypad Cable	1.5	\$61	GA (V1)
HMI Cable 10M	CFW500-CCHMIR010M	33 ft (10 meter) Remote Keypad Cable	2.0	\$72	GA (V1)
NEMA1 Conduit Kit	CFW500-KN1A	NEMA 1 kit – Frame Size A	2.0	\$28	V1G (V1)
NEMA1 Conduit Kit	CFW500-KN1B	NEMA 1 kit – Frame Size B	3.0	\$33	V1G (V1)
NEMA1 Conduit Kit	CFW500-KN1C	NEMA 1 kit – Frame Size C	3.0	\$44	V1G (V1)
NEMA1 Conduit Kit	CFW500-KN1D	NEMA 1 kit – Frame Size D	3.0	\$59	V1G (V1)
NEMA1 Conduit Kit	CFW500-KN1E	NEMA 1 kit – Frame Size E	6.0	\$64	V1G (V1)
NEMA1 Conduit Kit	CFW500-KN1F	NEMA 1 kit – Frame Size F	12.0	\$165	V1G (V1)
NEMA1 Conduit Kit	CFW500-KN1G	NEMA 1 kit – Frame Size G	17.0	\$215	V1G (V1)
Cable Shield Clamp Kit	CFW500-KPCSA	Cable Shield Clamp Kit for Frame A	1.0	\$41	V1G (V1)
Cable Shield Clamp Kit	CFW500-KPCSB	Cable Shield Clamp Kit for Frame B	1.0	\$44	V1G (V1)
Cable Shield Clamp Kit	CFW500-KPCSC	Cable Shield Clamp Kit for Frame C	1.1	\$46	V1G (V1)
Cable Shield Clamp Kit	CFW500-KPCSD	Cable Shield Clamp Kit for Frame D	1.1	\$51	V1G (V1)
Cable Shield Clamp Kit	CFW500-KPCSE	Cable Shield Clamp Kit for Frame E	6.0	\$64	V1G (V1)
Cable Shield Clamp Kit	CFW500-KPCSF	Cable Shield Clamp Kit for Frame F	15.0	\$140	V1G (V1)
Cable Shield Clamp Kit	CFW500-KPCSG	Cable Shield Clamp Kit for Frame G	18.0	\$180	V1G (V1)

Notes:

1) The "CFW500-IOS" module is included as standard with CFW500-IP20 Drives.

2) The Safety Function Module can be installed in the CFW500-IP20 drives in addition to the "CFW500-IOS" or any other I/O or communication module. The "CFW500-SFY2" STO module only works with 230V & 460VAC, CFW500-G2 (Generation-2) drives.

For CFW500-IP20, Frame-A to E VFDs, the NEMA1 Kit top cover to protect the VFD from falling dust can not be used if the "CFW500-SFY2" is installed on the drive.

3) The "CFW500-HMIR" Remote Keypad (Non-Text) requires Qty. (1) CFW500-CCHIR0xM cable. ("x" represents the cable length in meters)

4) The "HMI-01" remote Keypad (Advanced Text) requires Qty. (1) CFW500-RHMIF & Qty. (1) CFW500-CCHIR0xM cable. ("x" represents the cable length in meters). This keypad only works with 230VAC & 460VAC, CFW500-G2 (Generation-2) drives.