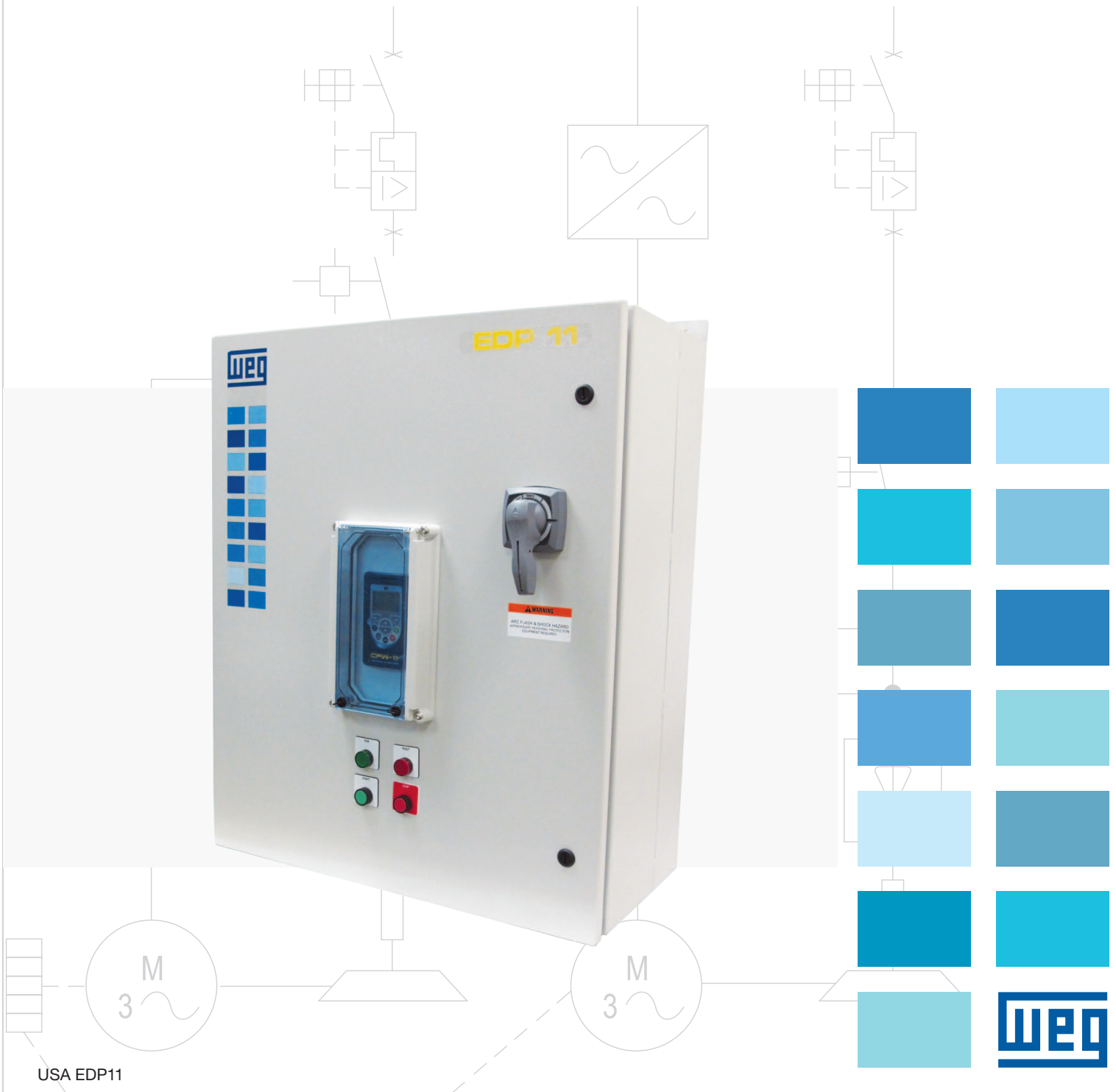


EDP11

Enclosed Drive Panel



EDP11

Enclosed Drive Panel

The Enclosed Drive Panel is an industrial general purpose AC motor control and protection package. It is designed for simple and quick installation and start-up, requiring only input power and output motor connections. There are two enclosure variants available such as NEMA 12 ventilated and NEMA 3R for Outdoor Installations.

The Enclosed Drive Panel is built to complement the ruggedness and reliability of WEG motors, providing a complete, simple, and cost effective AC motor control, monitor and protection solution.

NEMA 12 Version

- CFW11 Drive
- Indoor Rated
- Wall mounted
- Circuit Breaker with through door handle
- CFW11 VFD (Dual DC choke built-in)
- Fused 480V/120V CPT
- Internal Fan
- Heat sink through the back
- Motor Terminal Block
- Door mounted keypad
- Start / Stop Pushbuttons
- Run/Fault Pilot Lights
- Keypad cover - same as GPH2
- Drive and controls mounted in NEMA 4 section of panel; heat sink is external and rated NEMA 12

NEMA 3R Version

- NEMA 12 features plus:
- Outdoor Rated
- Wall mounted
- Weather kit (rain/sun/snow shield)
- Panel space heater + thermostat
- Lightning arrestor
- Service entrance rated

3-Contactor Bypass Option

- NEMA 12 or NEMA 3R version
- AC3 full rated by-pass contactor
- Drive input and output contactors
- Motor overload relay
- E-Stop Mushroom style pushbutton
- Enclosure size to be determined

Options available to be added to any of the versions above

- HOA = Hand-OFF-Auto
- POT = Potentiometer for speed reference of PID setpoint
- TB = Auxiliary control terminal block for remote command





Variable Frequency Drives - Enclosed Drive Panel

EDP11S - Flange Mount

Voltage	Normal Duty/VT- (O/L:110%/1 min)		Heavy Duty/CT (O/L:110%/1 min)		NEMA 12 Wall Mount Indoor Rated	NEMA 12	NEMA 12 LIST	NEMA 3R Wall Mount Outdoor Rated	NEMA 3R	NEMA 3R LIST	Wall Mount Approx. Weight Without Bypass
	HP	A	HP	A	Non-Ventilated	Size	\$\$\$	Non-Ventilated	Size	\$\$\$	LBS.
230 VAC	2	7	1.5	5.5	EDP11S007DN12	B	\$6,690	EDP11S007DN3R	B	\$8,521	36
	3	10	2	8	EDP11S010DN12		\$6,756	EDP11S010DN3R		\$8,587	36
	5	13	3	11	EDP11S013DN12		\$6,855	EDP11S013DN3R		\$8,686	41
	5	16	5	13	EDP11S016DN12		\$7,123	EDP11S016DN3R		\$8,918	42
	7.5	24	7.5	20	EDP11S024DN12	B	\$7,664	EDP11S024DN3R	B	\$9,459	56
	10	28	10	24	EDP11S028DN12		\$8,408	EDP11S028DN3R		\$10,202	56
	10	33.5	10	28	EDP11S033DN12	C	\$9,108	EDP11S033DN3R	C	\$10,902	56
	15	45	15	36	EDP11S045DN12		\$10,214	EDP11S045DN3R		\$12,122	88
	20	54	20	45	EDP11S054DN12		\$11,491	EDP11S054DN3R		\$13,400	90
	25	70	20	56	EDP11S070DN12		\$12,162	EDP11S070DN3R		\$14,162	100
	30	86	25	70	EDP11S086DN12	D	\$14,321	EDP11S086DN3R	D	\$16,320	230
	40	105	30	86	EDP11S105DN12		\$17,164	EDP11S105DN3R		\$19,338	240
	50	142	40	115	EDP11S142DN12	E	\$19,793	EDP11S142DN3R	E	\$21,967	300
	60	180	50	142	EDP11S180DN12		\$25,116	EDP11S180DN3R		\$27,290	300
75	211	60	180	EDP11S211DN12	\$28,326		EDP11S211DN3R	\$30,499		300	

Voltage	Normal Duty/VT- (O/L:110%/1 min)		Heavy Duty/CT (O/L:110%/1 min)		NEMA 12 Wall Mount Indoor Rated	NEMA 12	NEMA 12 LIST	NEMA 3R Wall Mount Outdoor Rated	NEMA 3R	NEMA 3R LIST	Wall Mount Approx. Weight Without Bypass
	HP	A	HP	A	Non-Ventilated	Size	\$\$\$	Non-Ventilated	Size	\$\$\$	LBS.
480 VAC	2	3.6	2	3.6	EDP11S003GN12	B	\$6,510	EDP11S003GN3R	B	\$8,341	36
	3	5	3	5	EDP11S005GN12		\$6,626	EDP11S005GN3R		\$8,457	36
	5	7	3	5.5	EDP11S007GN12		\$6,690	EDP11S007GN3R		\$8,521	41
	7.5	10	5	10	EDP11S010GN12		\$6,756	EDP11S010GN3R		\$8,587	42
	10	13.5	7.5	11	EDP11S013GN12		\$6,855	EDP11S013GN3R		\$8,686	42
	10	17	10	13.5	EDP11S017GN12		\$7,269	EDP11S017GN3R		\$9,100	56
	15	24	10	19	EDP11S024GN12	C	\$7,821	EDP11S024GN3R	C	\$9,652	56
	20	31	15	25	EDP11S031GN12		\$8,580	EDP11S031GN3R		\$10,411	56
	25	38	20	33	EDP11S038GN12		\$9,293	EDP11S038GN3R		\$11,125	90
	30	45	25	38	EDP11S045GN12		\$10,422	EDP11S045GN3R		\$12,369	104
	40	58.5	30	47	EDP11S058GN12	D	\$12,026	EDP11S058GN3R	D	\$13,673	110
	50/60	70.5	40	61	EDP11S070GN12		\$12,729	EDP11S070GN3R		\$14,451	240
	75	88	50	73	EDP11S088GN12	E	\$14,988	EDP11S088GN3R	E	\$16,653	245
	75	105	75	88	EDP11S105GN12		\$17,964	EDP11S105GN3R		\$19,733	300
	100/125	142	75	115	EDP11S142GN12		\$20,715	EDP11S142GN3R		\$22,415	300
	150	180	100	142	EDP11S180GN12	G	\$26,286	EDP11S180GN3R	G	\$27,847	300
	175	211	125	180	EDP11S211GN12		\$29,645	EDP11S211GN3R		\$31,122	300
	200	242	150	211	EDP11S242GN12		\$40,755	EDP11S242GN3R		\$45,693	700
	250	312	200	242	EDP11S312GN12		\$45,114	EDP11S312GN3R		\$50,053	720
	300	370	250	312	EDP11S370GN12	H	\$47,743	EDP11S370GN3R	H	\$52,682	750
350	477	300	370	EDP11S477GN12	\$54,585		EDP11S477GN3R	\$59,523		775	
400	515	350	477	EDP11S515GN12	H	\$66,023	EDP11S515GN3R	H	\$71,976	1,100	
500	601	450	515	EDP11S601GN12		\$71,875	EDP11S601GN3R		\$77,828	1,120	
600	720	500	601	EDP11S720GN12		\$88,556	EDP11S720GN3R		\$94,509	1,150	

Notes: "HP" rating based on FLA values from WEG W22, 2 and 4 poles, 480VAC, 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.
 VT: Variable Torque CT: Constant Torque, O/L: Overload
 Panels 200HP and above are ventilated free standing floor mounted enclosures.



Variable Frequency Drives - Enclosed Drive Panel

EDP11S - Flange Mount Options

Voltage	Normal Duty CT-110% / 1min		Heavy Duty CT-150% / 1min		NEMA 12 Wall Mount Indoor Rated	NEMA 12 LIST	NEMA 3R Wall Mount Outdoor Rated	NEMA 3R LIST	Adder for 3-Cont. Bypass, Wall Mount		Adder for HOA / POT / TB List
	HP	A	HP	A	Non-Ventilated	\$\$\$	Non-Ventilated	\$\$\$	Size	LIST	
										\$\$\$	
230 VAC	2	7	1.5	5.5	EDP11S007DN12*	\$6,690	EDP11S007DN3R*	\$8,521	B	\$1,510	\$763
	3	10	2	8	EDP11S010DN12*	\$6,756	EDP11S010DN3R*	\$8,587		\$1,520	\$763
	5	13	3	11	EDP11S013DN12*	\$6,855	EDP11S013DN3R*	\$8,686		\$1,520	\$763
	5	16	5	13	EDP11S016DN12*	\$7,123	EDP11S016DN3R*	\$8,918		\$1,520	\$763
	7.5	24	7.5	20	EDP11S024DN12*	\$7,664	EDP11S024DN3R*	\$9,459	C	\$1,598	\$763
	10	28	10	24	EDP11S028DN12*	\$8,408	EDP11S028DN3R*	\$10,202		\$1,792	\$763
	10	33.5	10	28	EDP11S033DN12*	\$9,108	EDP11S033DN3R*	\$10,902	D	\$1,903	\$763
	15	45	15	36	EDP11S045DN12*	\$10,214	EDP11S045DN3R*	\$12,122		\$2,102	\$763
	20	54	20	45	EDP11S054DN12*	\$11,491	EDP11S054DN3R*	\$13,400	\$2,247	\$763	
	25	70	20	56	EDP11S070DN12*	\$12,162	EDP11S070DN3R*	\$14,162	E	\$2,695	\$763
	30	86	25	70	EDP11S086DN12*	\$14,321	EDP11S086DN3R*	\$16,320		\$2,695	\$763
	40	105	30	86	EDP11S105DN12*	\$17,164	EDP11S105DN3R*	\$19,338	F	\$2,888	\$763
	50	142	40	115	EDP11S142DN12*	\$19,793	EDP11S142DN3R*	\$21,967		\$4,985	\$763
	60	180	50	142	EDP11S180DN12*	\$25,116	EDP11S180DN3R*	\$27,290	\$5,995	\$763	
75	211	60	180	EDP11S211DN12*	\$28,326	EDP11S211DN3R*	\$30,499	\$7,325	\$763		

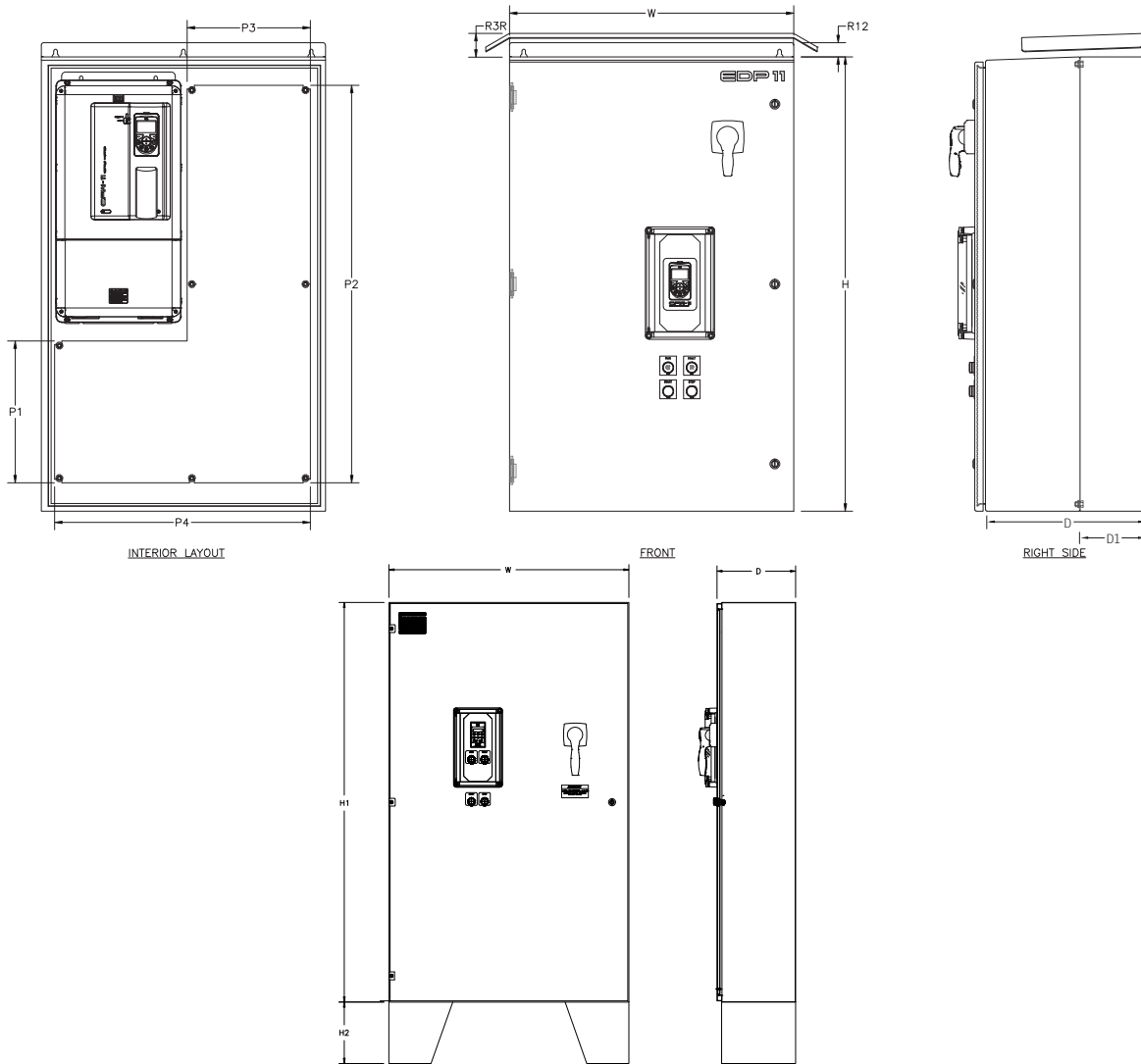
Voltage	Normal Duty CT-110% / 1min		Heavy Duty CT-150% / 1min		NEMA 12 Wall Mount Indoor Rated	NEMA 12 LIST	NEMA 3R Wall Mount Outdoor Rated	NEMA 3R LIST	Adder for 3-Cont. Bypass, Wall Mount		Adder for HOA / POT / TB List
	HP	A	HP	A	Non-Ventilated	\$\$\$	Non-Ventilated	\$\$\$	Size	LIST	
										\$\$\$	
480 VAC	2	3.6	2	3.6	EDP11S003GN12*	\$6,510	EDP11S003GN3R*	\$8,341	B	\$1,510	\$763
	3	5	3	5	EDP11S005GN12*	\$6,626	EDP11S005GN3R*	\$8,457		\$1,510	\$763
	5	7	3	5.5	EDP11S007GN12*	\$6,690	EDP11S007GN3R*	\$8,521		\$1,510	\$763
	7.5	10	5	10	EDP11S010GN12*	\$6,756	EDP11S010GN3R*	\$8,587		\$1,520	\$763
	10	13.5	7.5	11	EDP11S013GN12*	\$6,855	EDP11S013GN3R*	\$8,686	C	\$1,520	\$763
	10	17	10	13.5	EDP11S017GN12*	\$7,269	EDP11S017GN3R*	\$9,100		\$1,598	\$763
	15	24	10	19	EDP11S024GN12*	\$7,821	EDP11S024GN3R*	\$9,652	D	\$1,792	\$763
	20	31	15	25	EDP11S031GN12*	\$8,580	EDP11S031GN3R*	\$10,411		\$1,903	\$763
	25	38	20	33	EDP11S038GN12*	\$9,293	EDP11S038GN3R*	\$11,125	E	\$1,985	\$763
	30	45	25	38	EDP11S045GN12*	\$10,422	EDP11S045GN3R*	\$12,369		\$2,102	\$763
	40	58.5	30	47	EDP11S058GN12*	\$12,026	EDP11S058GN3R*	\$13,673	F	\$2,247	\$763
	50/60	70.5	40	61	EDP11S070GN12*	\$12,729	EDP11S070GN3R*	\$14,451		\$2,695	\$763
	75	88	50	73	EDP11S088GN12*	\$14,988	EDP11S088GN3R*	\$16,653	K	\$2,888	\$763
	75	105	75	88	EDP11S105GN12*	\$17,964	EDP11S105GN3R*	\$19,733		\$3,344	\$763
	100/125	142	75	115	EDP11S142GN12*	\$20,715	EDP11S142GN3R*	\$22,415	J	\$4,985	\$763
	150	180	100	142	EDP11S180GN12*	\$26,286	EDP11S180GN3R*	\$27,847		\$5,995	\$763
	175	211	125	180	EDP11S211GN12*	\$29,645	EDP11S211GN3R*	\$31,122	K	\$7,325	\$763
	200	242	150	211	EDP11S242GN12*	\$40,755	EDP11S242GN3R*	\$45,693		\$12,579	\$858
	250	312	200	242	EDP11S312GN12*	\$45,114	EDP11S312GN3R*	\$50,053	J	\$14,143	\$858
	300	370	250	312	EDP11S370GN12*	\$47,743	EDP11S370GN3R*	\$52,682		\$14,403	\$858
	350	477	300	370	EDP11S477GN12*	\$54,585	EDP11S477GN3R*	\$59,523	K	\$22,033	\$858
	400	515	350	477	EDP11S515GN12*	\$66,023	EDP11S515GN3R*	\$71,976		\$22,033	\$858
	500	601	450	515	EDP11S601GN12*	\$71,875	EDP11S601GN3R*	\$77,828	K	\$27,572	\$858
	600	720	500	601	EDP11S720GN12*	\$88,556	EDP11S720GN3R*	\$94,509		\$31,388	\$858

Notes: "HP" rating based on FLA values from WEG W22, 2 and 4 poles, 480VAC, 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.
 *Part numbers to change if options added. EX: EDP11S...GN1211000 1st 1 = 3 CONT BYP, 2nd 1 = HOA / POT / TB adder



Variable Frequency Drives - Enclosed Drive Panel

Dimensions



Dimensions

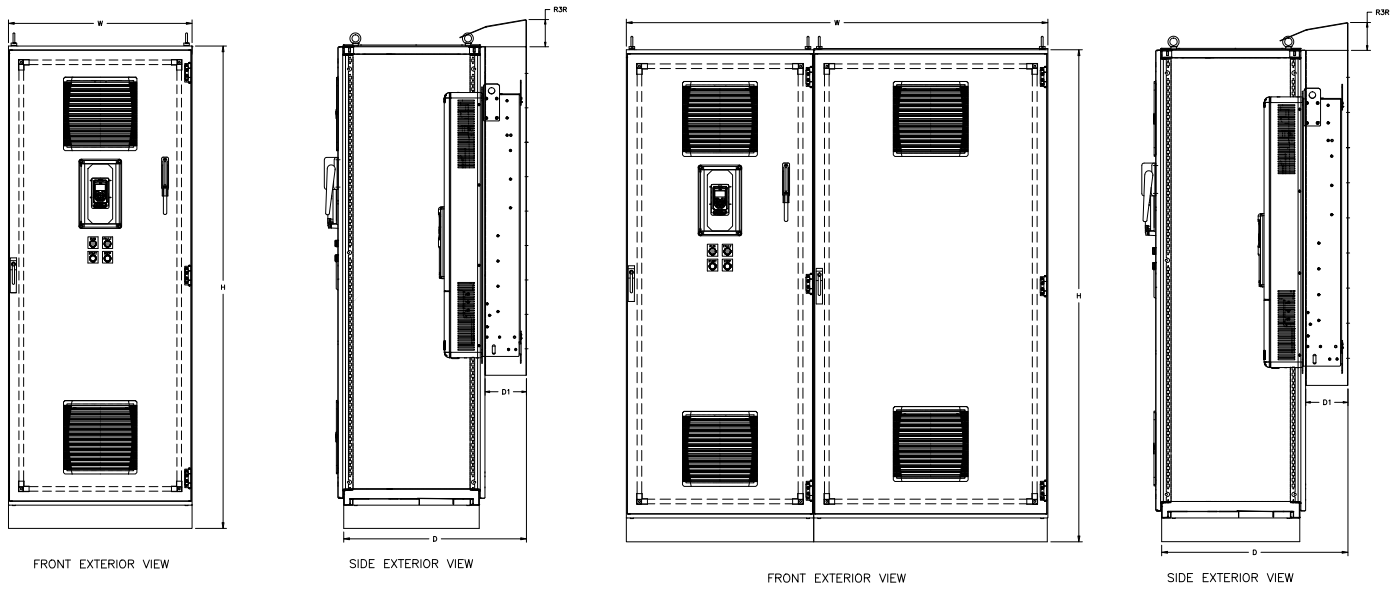
Frame	H	W	D	D1	R3R*	R12**
B	24	20	12	2.8	2.5	1.5
C	30	24	14.5	5.4	2.5	1.5
D	36	30	14.5	5.4	2.5	1.5
E	48	30	18	6.9	2.5	1.5
F	60	36	18			
G	83	32	24			
H	83	56	36			

*For NEMA 3R cabinet **For NEMA 12 cabinet



Variable Frequency Drives - Enclosed Drive Panel

Dimensions



Frame G

Frames H, J, K

Dimensions

Frame	H	W	D	D1
G	83	32	24	8
H	83	56	36	8
J	83	72	34	8
K	83	96	36	8







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, 41.6kV: 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

Custom Panels

- 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.

Please contact your authorized distributor:



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