



WorldDrive GP

General Purpose Variable Frequency Drives

Specializing in simplicity without sacrificing performance, the WorldDrive General Purpose (WDGP) variable frequency drive offers three control modes: Volts to frequency (V/f), slip compensation, and sensorless vector control. Features include a compact footprint in 6 frame sizes (0.5 HP to 30 HP) and a user-friendly keypad interface for simple parameter definition in all of your general purpose applications. The WorldDrive GP is UL, cUL Listed and CE Certified.

Specifications

- Capacity: 0.5 -30 HP, 200-240V AC, 380-480V AC
- Output Frequency: 0-400 Hz,
Sensorless: 0-300 Hz
- Carrier Frequency: 1-15k Hz
- Starting Current: 150% overload for 60 seconds

In-Stock and Ready to Ship

We aim to make our customers more competitive by stocking the products they need and responding to their requirements with a shared sense of urgency. With \$50 million of ready-to-ship inventory at six regional US warehouses, we're ready to assist you!

For more details, visit wwec.co/WDGP

Product Features

- Volts to frequency (V/f), slip compensation, and sensorless vector control
- 150% overload for 60 sec
- 200-230V, Single-phase, 0.5-2 HP
- 200-230V, Three-phase, 1-30 HP
- 380-480V, Three-phase, 1-30 HP
- Input voltage range: 200-230V Single / Three Phase (-15%, +10%), 380-480V Three-Phase (-15%, +10%)
- Output Frequency: 0-400 Hz, Sensorless: 0-300 Hz
- Carrier Frequency: 1-15 kHz
- Protection degree: NEMA 1 / IP20
- Conformal Coated printed circuit boards
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- Built-in Modbus-RTU
- Built-in dynamic braking control
- Built-in PID loop control
- Ground fault protection
- Higher ratings available for single-phase input
- Available accessories: WDGP Conduit Box, WDGP Remote Keypad with Cable
- UL, cUL listed, CE certified

For more details, including full specifications and compliance, visit wwec.co/WDGP

230 Volt, Single-Phase In / 230 Volt, Three-Phase Out					
HP	Output Current	Model Number	Dimensions (in) ¹ H x W x D	Approx. Weight ¹ (lbs.)	Conduit Connection Box NEMA 1 Enclosure Model Number
0.5	3	WDGP004-1	5 x 2.8 x 5.1	1.68	WDGPCBOX-1
1	5	WDGP008-1	5 x 2.8 x 5.1	1.68	WDGPCBOX-2
2	7	WDGP015-1	5 x 5.5 x 6.1	4.17	WDGPCBOX-3

Constant Torque 150% Overload		Variable Torque 120% Overload		Model Number	Dimensions (in) ¹ H x W x D	Approx. Weight ¹ (lbs.)	Conduit Connection Box NEMA 1 Enclosure
HP	Output Current	HP	Output Current				Model Number
230 Volt, Three-Phase In / 230 Volt, Three-Phase Out							
0.5	3	—	—	WDGP004-2	5 x 2.8 x 5.1	1.68	WDGPCBOX-1
1	5	—	—	WDGP008-2	5 x 2.8 x 5.1	1.68	WDGPCBOX-1
2	7	—	—	WDGP015-2	5 x 3.9 x 5.1	2.47	WDGPCBOX-2
3	11	—	—	WDGP022-2	5 x 5.5 x 6.1	4.17	WDGPCBOX-3
5	17	—	—	WDGP037-2	5 x 5.5 x 6.1	4.17	WDGPCBOX-3
7.5	24	10	30	WDGP055-2	8.7 x 7 x 6.7	8.07	WDGPCBOX-4
10	32	15	44	WDGP075-2	8.7 x 7 x 6.7	8.07	WDGPCBOX-4
15	45	20	50	WDGP110-2	12.6 x 9.3 x 7.5	19.84	WDGPCBOX-5
20	64	25	73	WDGP150-2	12.6 x 9.3 x 7.5	19.84	WDGPCBOX-5
25	76	30	85	WDGP185-2	16.1 x 10.2 x 8.2	29.32	WDGPCBOX-6
30	90	40	120	WDGP220-2	16.1 x 10.2 x 8.2	29.32	WDGPCBOX-6
460 Volt, Three-Phase In / 460 Volt, Three-Phase Out							
0.5	1.8	—	—	WDGP004-4	5 x 2.8 x 5.1	1.68	WDGPCBOX-1
1	3.4	—	—	WDGP008-4	5 x 2.8 x 5.1	1.68	WDGPCBOX-1
2	4.8	—	—	WDGP015-4	5 x 3.9 x 5.1	2.47	WDGPCBOX-2
3	7.2	—	—	WDGP022-4	5 x 5.5 x 6.1	4.17	WDGPCBOX-3
5	9.2	—	—	WDGP037-4	5 x 5.5 x 6.1	4.17	WDGPCBOX-3
7.5	12	10	15	WDGP055-4	8.7 x 7 x 6.7	8.07	WDGPCBOX-4
10	16	15	22	WDGP075-4	8.7 x 7 x 6.7	8.07	WDGPCBOX-4
15	23	20	29	WDGP110-4	12.6 x 9.3 x 7.5	19.84	WDGPCBOX-5
20	32	25	37	WDGP150-4	12.6 x 9.3 x 7.5	19.84	WDGPCBOX-5
25	38	30	43	WDGP185-4	16.1 x 10.2 x 8.2	22.05	WDGPCBOX-6
30	45	40	57	WDGP220-4	16.1 x 10.2 x 8.2	22.05	WDGPCBOX-6

¹ Given weights and dimensions are approximate

Additional Product Notes

All WDGP drives can be used for single-phase input / three-phase output. Consult factory to size appropriately.



WorldWide Electric Corporation is a leading manufacturer of electric motors, motor controls, and gear reducers as well as the exclusive master distributor of Hyundai Electric's low-voltage motors and drives. Offering fast, often same-day, shipping from six regional US warehouses, WorldWide Electric takes pride in providing a competitive edge to our customers by responding to their requirements with urgency, technical expertise, and professionalism.

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