



Hyundai N700E Variable Frequency Drive

Superior vector performance and compact size

Featuring sensorless vector control technology and compact size, the N700E provides optimized performance for industrial and commercial equipment. In addition to being reliable, durable, and easy to maintain, the N700E is quiet and ROHS compliant. This product is ideal for driving fans, blowers, pumps, conveyors, production machines, rock crushers, mixers and grinders, either independently or tied to factory automation. The N700E is UL, cUL Listed and CE Certified.

Specifications

- Capacity: 0.5 - 500 HP
- Output Frequency: 0.01 - 400 Hz
- Starting Current:
60 sec. 150% overload, CT
60 sec. 120% overload, VT

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 \$30 million of ready-to-ship inventory at six regional US warehouses, we're ready to assist you!

For more details, visit wwec.co/N700E

Product Features

- Advanced sensorless vector control
- Speed and torque control for energy savings
- Powerful torque boost function, over torque limit function
- Quick response to load change
- Independent acceleration / deceleration time settings
- Soft start / stop
- Built-in regenerative braking (under 30 HP)
- Restart after momentary power loss
- Precise PID control function
- Multi-relay output terminal
- Low noise operation

For more details, including full specifications, compliance, and all available configurations, visit wwec.co/N700E

Common Applications

- Air Conditioning and Dust Collection Fans
- Cooling Towers
- Conveyors & Transport Machinery
- Factory Automation
- Pump Systems
- Textile Machines
- Washing Machines

Enclosed Drive Packages



WorldWide Electric offers the Hyundai N700E as a standalone chassis mount unit or pre-installed in one of our complete enclosed NEMA 3R, NEMA 4, or NEMA 12 drive packages. See all of our industry-ready drive packages at wwec.co/DRVPKG

Accessories



WorldWide offers a large range of accessories for the N700E, including the Advanced Remote LCD Keypad. See all available accessories at wwec.co/700ACC.

Model Number Selection

Motor Capacity (kW) and power source are visible in the model number. For example, N700E-220HF is a 22.0kW applicable motor capacity, 3-phase, 440V N700E.

N700E	-	220*	HF
Product Family		Model Code	Power Source

*The model code is determined by removing the decimal point from the Applicable Motor Capacity in kW. The last number of the model code represents the first number after the decimal. i.e. model code 220 represents 22.0kW or 004 represents 0.4kW.

Available Models

HP	Model Code	Power Source
0.5	004	SF: 1-Phase, 200 - 240VAC LF: 3-Phase, 200 - 240VAC HF: 3-Phase, 380 - 480VAC
1	007	
2	015	
3	022	
5	037	
7.5	055	
10	075	
15	110	
20	150	
25	185	
30	220	
40	300	
50	370	
60	450	
75	550	
100	750	
125	900	
150	1100	
200	1320	
250	1600	
300	2200	
400	2800	
500	3500	



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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