

HYUNDAI

hⁱRUN **N**700E

INVERTER



hⁱRUN **N**700E Series with Powerful Control Solutions

| Excellent Applicability to Various Loads |

| Easy Maintenance & Simple Repair |

| High Reliability & Durability |

| Compliance with RoHS |

| Lower Audible Noise |

Clean Power Hyundai Inverter



For the highest quality,
for the highest customer satisfaction

HiRUN N700E

HYUNDAI N700E series inverter with high durability, exceptional speed control and torque response provides overall superior Vector Performance.

The N700E's compact size and sensorless vector control technology provide perfectly optimized performance for industrial / commercial equipment.

Certificates of international standards (CE, UL/cUL) of N700E series make its applications ready for global business.

Model Name Indication



Note: DC Reactor option for 30~132kW

Model Configuration

Applicable motor capacity (kW)	CT heavy duty HP	1-Phase 230V	3-Phase 230V	3-Phase 480V
0.4	0.5	N700E-004SF	N700E-004LF	N700E-004HF
0.7	1	N700E-007SF	N700E-007LF	N700E-007HF
1.5	2	N700E-015SF	N700E-015LF	N700E-015HF
2.2	3	N700E-022SF	N700E-022LF	N700E-022HF
3.7	5		N700E-037LF	N700E-037HF
5.5	7.5		N700E-055LF	N700E-055HF
7.5	10		N700E-075LF	N700E-075HF
11	15		N700E-110LF	N700E-110HF
15	20		N700E-150LF	N700E-150HF
18.5	25		N700E-185LF	N700E-185HF
22	30		N700E-220LF	N700E-220HF
30	40			N700E-300HF
37	50			N700E-370HF
45	60			N700E-450HF
55	75			N700E-550HF
75	100			N700E-750HF
90	125			N700E-900HF
110	150			N700E-1100HF
132	200			N700E-1320HF
160	250			N700E-1600HF
220	300			N700E-2200HF
280	400			N700E-2800HF
350	500			N700E-3500HF

Various Load Compatibility

Fan & Pump

Air Conditioning & Dust Collecting Fan

- Energy saving by selecting torque characteristic of a load
- Restart function in case of momentary power interruption
- Factory automation by PLC
- Machine protection by soft start/stop
- Auto operation by precise PID control function
- Low noise operation
- Quick responsiveness to load change by frequency jump and multi speed operation



Cooling Tower

- Stable operation by supplying high qualified energy
- Energy saving by speed and torque control
- Built in PID function uniformly controls oil pressure and flow quantity without additional options

Water supply pump
Cooling water circulation pump
Boiler water supply pump



Conveyor & Transport Machine

Conveyor

- Multi relay output terminal
- Accurate acceleration & deceleration
- Overweight prevention by using over-torque signal
- Prevention of load slippage by curve acceleration and deceleration

Factory Automation

- Factory automation with PLC
- High speed torque response to prevent slip down
- Soft start and stop
- Hyundai's advanced sensorless vector control technology provides a motor with high torque performance in ultra low speed zone (Sensorless vector control: above 150% at 1 Hz)



Textile Machine

Spinning Machine

- Soft start/stop for prevention of snap and cut off
- Unit design for tough circumstances (dust, cotton)
- Improvement of product quality by stable operating speed
- Superb speed control performance by improved Tuning Technology of the motor.

Washing Machine

Washing Machine

- Powerful torque boost function
- Over torque limit function
- Separate setting of acceleration and deceleration time
- Built-in regenerative braking unit (below 22kW)
- Soft start/stop

United States Motor and Inverter Representative WorldWide Electric Corporation

Warehouse Locations:

Atlanta, GA / Dallas, TX / Houston, TX / Indianapolis, IN
Kansas City, KS / Los Angeles, CA

* Available For Pick-Up Or Delivery 24 Hours A Day - 7 Days A Week



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