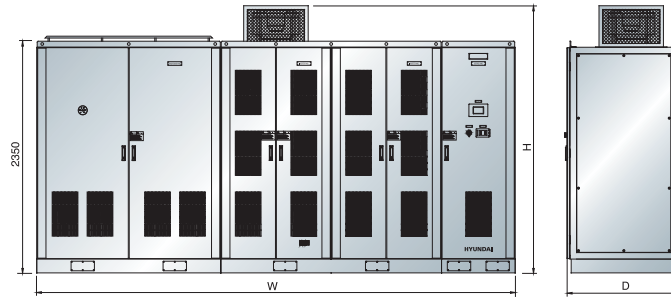




## Dimension



Unit : mm

Type	Model	W	D	H
3300V	N5000 - 0155L	2000	1100	2800
	N5000 - 0245L	2000	1100	2800
	N5000 - 0325L	2400	1100	2800
	N5000 - 0410L	2400	1100	2800
	N5000 - 0490L	3300	1100	2800
	N5000 - 0620L	3300	1100	2800
	N5000 - 0835L	3600	1200	2800
	N5000 - 1040L	3600	1200	2800
	N5000 - 1270L	3800	1400	2800
	N5000 - 1500L	3800	1400	2800
	N5000 - 1710L	3900	1400	2800
	N5000 - 1940L	3900	1400	2800
	N5000 - 2250L	4000	1400	2800
	N5000 - 2500L	4000	1400	2800
	N5000 - 2800L	4100	1500	2800
N5000 - 3200L	4100	1500	2800	
4160V	N5000 - 0205M	3200	1100	2800
	N5000 - 0310M	3200	1100	2800
	N5000 - 0410M	3200	1100	2800
	N5000 - 0530M	3200	1100	2800
	N5000 - 0630M	3900	1100	2800
	N5000 - 0790M	3900	1100	2800
	N5000 - 1040M	4900	1100	2800
	N5000 - 1310M	4900	1100	2800
	N5000 - 1630M	5100	1100	2800
	N5000 - 1900M	5100	1100	2800
	N5000 - 2160M	5100	1100	2800
	N5000 - 2460M	5100	1100	2800
	N5000 - 2930M	5200	1400	2800
	N5000 - 3240M	5200	1400	2800
	N5000 - 3500M	5300	1500	2800
N5000 - 4000M	5300	1500	2800	
6600V	N5000 - 0330H	3200	1200	2800
	N5000 - 0495H	3200	1200	2800
	N5000 - 0675H	3900	1200	2800
	N5000 - 0835H	3900	1200	2800
	N5000 - 1000H	4900	1400	2800
	N5000 - 1270H	4900	1400	2800
	N5000 - 1700H	5100	1400	2800
	N5000 - 2130H	5100	1400	2800
	N5000 - 2590H	5200	1400	2800
	N5000 - 3020H	5700	1400	2800
	N5000 - 3450H	5900	1400	2800
	N5000 - 3930H	6000	1400	2800
	N5000 - 4500H	6200	1400	2800
	N5000 - 5000H	6200	1400	2800
	N5000 - 5600H	6400	1500	2800
N5000 - 6400H	6400	1500	2800	

## Standard Specification

Voltage Class		3300V <sup>1)</sup>															
3.3 kV output capacity (kVA)		200	300	400	500	600	750	1000	1250	1500	1750	2000	2250	2700	3000	3500	4000
Rated output current (A)		35	53	70	88	105	132	175	219	263	307	350	394	473	525	619	707
Motor power output (kW) <sup>2)</sup>		155	245	325	410	490	620	835	1040	1270	1500	1710	1940	2250	2500	2800	3200
Voltage Class		4160V <sup>1)</sup>															
4.16 kV output capacity (kVA)		250	380	500	640	750	950	1250	1550	1900	2200	2500	2850	3400	3750	4400	5000
Rated output current (A)		35	53	70	89	105	132	174	216	264	306	347	396	472	525	619	707
Motor power output (kW) <sup>2)</sup>		205	310	410	530	630	790	1040	1310	1630	1900	2160	2460	2930	3240	3500	4000
Voltage Class		6600V <sup>1)</sup>															
6.6 kV output capacity (kVA)		400	600	800	1000	1200	1500	2000	2500	3000	3500	4000	4500	5400	6000	7000	8000
Rated output current (A)		35	53	70	88	105	132	175	219	263	307	350	394	473	525	619	707
Motor power output (kW) <sup>2)</sup>		330	495	675	835	1000	1270	1700	2130	2590	3020	3450	3930	4500	5000	5600	6400
Input	Main circuit	3-phase 3300V, 50/60Hz, 3-phase 4160V, 50/60Hz or 3-phase 6600V, 50/60Hz															
	Control circuit	3 Phase 220V or 440V, 50Hz or 60Hz															
	Tolerance	Voltage: ±10%, Frequency: ±5%															
Output	Output frequency range (Hz)	0 ~ 120Hz															
	Overload capacity	120%, 60sec															
Power factor of main power supply		Approx. 95% or more at normal operating speed															
Efficiency		Approx. 96% (Including transformer)															
Control specification	Control method	Sensorless vector control + Multilevel sinusoidal PWM															
	Frequency precision	±0.5% of max. output frequency (Analog input)															
	Torque characteristics of load	Variable torque load, constant torque load															
	Acceleration deceleration time	0.1 ~ 3600sec (Depend on GD <sup>2</sup> of motor and load)															
	Main control functions	Restart after instantaneous power failure, operation possible at instantaneous input power failure (0 ~ 83ms, non-torque control), specific frequency evasion function, multiple Acc./Dcc. rate setting, soft stall															
	Main protective functions	Current limit, over current, over voltage, over load, under voltage, grand fault, CPU error, cooling fan abnormal, control power abnormal															
Operation board	Data transmission	RS485/232/modbus/ethernet, profibus-DP (Option)															
	Display	Color LCD graphic: color TFT touch screen 5" LCD															
Signal interface	Method	Start, stop, reset fault															
	Analog	Input: 4 channel (DC 0 ~ 10V or DC 4 ~ 20mA) Output: 4 channel (DC 0 ~ 10V or DC 4 ~ 20mA)															
Signal interface	Digital	Input: 16 channel (Dry contact) Output: 8 channel (Dry contact: AC 250V 5A or DC 30V 5A)															
	Input transformer	Temperature class H, Dry type, tapping range ±5% for N5000 only															
Construction	Protection degree of enclosure	IP20 (IEC-529)															
	Panel construction	Free standing, free maintenance type, door handle key type															
	Cooling	Air cooled by ventilation fans mounted on panel (IP40 without opening or closing of panel door)															
	Panel color	Munsell No. 5Y 7/1															
Ambient conditions	Ambient temperature	0 ~ 40°C															
	Humidity	Max 85% (No condensation)															
	Altitude	1000m above sea level or less															
	Vibration	0.5 G or less at 10 ~ 50Hz															
Application	Installation	Indoor															
	Application	Fan, blower, pump, compressor, extruder, mixer, turbine generators etc.															
Standards		Electrical performance: IEC Components: KS															

※ 1) As for non-standard voltage (3.0 / 6.0kV) motor, please contact our company.

2) HHI 4-pole standard induction motor



**Olinsys**<sup>TM</sup>  
distribution and power quality for everyone...