

Common specification

Item		Specifications							
Type		H1600	H2450	H3200	H4000	H4700	H5600	H7000	H8500
Capacity [kVA]		160	245	320	400	470	560	700	850
Output rating		AO type (continuous 100%)							
Rated input voltage		440V±10%		400V±10%					
Rated input frequency		50/60Hz (+1~-3Hz)							
Control method	Sequential conversion	120°conduction control or PWM control							
		PWM control							
Output frequency		0~533Hz							
Operating conditions	Ambient temperature	0~40°C							
	Relative humidity	85% or less Provided there shall be no dew condensation							
	Altitude	1,000 m or less							
	Other	No corrosive gas and dust							
Carrier frequency		Standard 6 kHz Maximum 8 kHz							
Current control (ACR)	Setting resolution	Digital setting : 0.01%FS Analog setting : 0.1FS							
	Frequency response	Maximum 1,500 Hz @ -3 dB							
Speed control (ASR)	Setting resolution	Digital setting : 0.01%FS Analog setting : 0.1FS							
	Accuracy	±0.1%FS± Detection accuracy							
Torque control (ATR)	Setting resolution	Digital setting : 0.01%FS Analog setting : 0.1FS							
	Accuracy	±0.2%FS± Detection accuracy							
Position control (APR) * during PMDY control	Setting resolution	Digital setting : 0.01%FS Analog setting : 0.1FS							
	Accuracy	±0.1%FS± Detection accuracy							
Interface	Analog input	0~±10V							
	Analog output	0~±10V							
	Optical communication	ISBII							
	Speed detection	a)Incremental encoder (Complementary) b)Incremental encoder (Line driver) c)Serial encoder (Absolute encoder, etc.)							
Dimension	A (mm)	2500	2700	2700	3100	3100	4000	4000	4000
	B (mm)	1950	1950	1950	1950	1950	2150	2150	2150
	C (mm) (Depth)	600	600	600	600	600	600	600	600
	D (mm)	150	150	150	150	150	—	—	—
	Reference dimensin size data								