

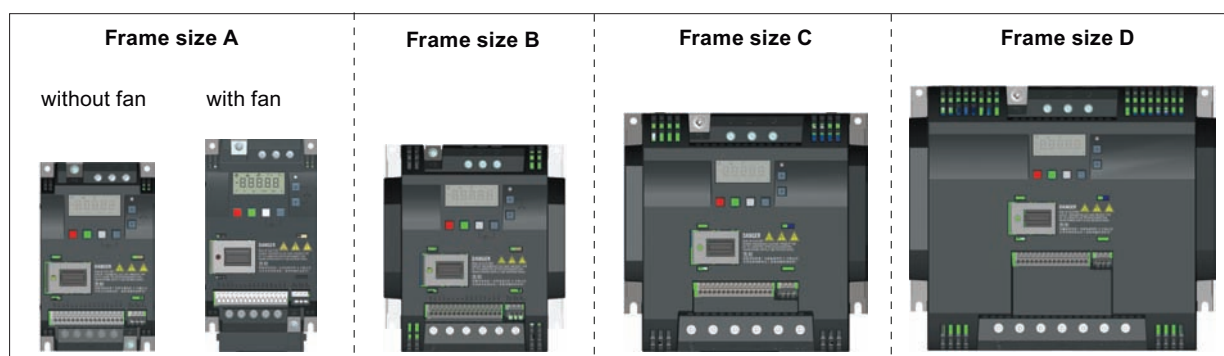
Introduction

2.1 Components of the inverter system

The SINAMICS V20 is a range of inverters designed for controlling the speed of three phase asynchronous motors.

Three phase AC 400 V variants

The three phase AC 400 V inverters are available in four frame sizes.



Component	Rated output power	Rated input current	Rated output current	Output current at 480 V at 4kHz / 40°C	Order number	
					unfiltered	filtered
Frame size A (without fan)	0.37 kW	1.7 A	1.3 A	1.3 A	6SL3210-5BE13-7UV0	6SL3210-5BE13-7CV0
	0.55 kW	2.1 A	1.7 A	1.6 A	6SL3210-5BE15-5UV0	6SL3210-5BE15-5CV0
	0.75 kW	2.6 A	2.2 A	2.2 A	6SL3210-5BE17-5UV0	6SL3210-5BE17-5CV0
	0.75 kW ¹⁾	2.6 A	2.2 A	2.2 A	-	6SL3216-5BE17-5CV0
Frame size A (with single fan)	1.1 kW	4.0 A	3.1 A	3.1 A	6SL3210-5BE21-1UV0	6SL3210-5BE21-1CV0
	1.5 kW	5.0 A	4.1 A	4.1 A	6SL3210-5BE21-5UV0	6SL3210-5BE21-5CV0
	2.2 kW	6.4 A	5.6 A	4.8 A	6SL3210-5BE22-2UV0	6SL3210-5BE22-2CV0
Frame size B (with single fan)	3.0 kW	8.6 A	7.3 A	-	6SL3210-5BE23-0UV0	6SL3210-5BE23-0CV0
	4.0 kW	11.3 A	8.8 A	8.24 A	6SL3210-5BE24-0UV0	6SL3210-5BE24-0CV0
Frame size C (with single fan)	5.5 kW	15.2 A	12.5 A	11 A	6SL3210-5BE25-5UV0	6SL3210-5BE25-5CV0
Frame size D (with two fans)	7.5 kW	20.7 A	16.5 A	16.5 A	6SL3210-5BE27-5UV0	6SL3210-5BE27-5CV0
	11 kW	30.4 A	25 A	21 A	6SL3210-5BE31-1UV0	6SL3210-5BE31-1CV0
	15 kW	38.1 A	31 A	31 A	6SL3210-5BE31-5UV0	6SL3210-5BE31-5CV0

¹⁾ This variant refers to the Flat Plate inverter with a flat plate heatsink.