

SINAMICS G120C compact inverters

0.55 kW to 132 kW (0.75 hp to 150 hp)

SINAMICS G120C compact inverters

Selection and ordering data

The article number is selected corresponding to

- the required motor power or the motor current required and the overload requirements of the application,
- the necessary EMC classification and
- the required integrated fieldbus interface

Rated power ¹⁾		Base-load current I_L ²⁾	Base-load current I_H ³⁾	Frame size	Version	SINAMICS G120C	SINAMICS G120C
kW	hp					without line filter	with integrated line filter class A
		A	A			Article No.	Article No.
380 ... 480 V 3 AC							
0.55	0.75	1.7	1.3	FSAA	USS, Modbus RTU	6SL3210-1KE11-8UB2	6SL3210-1KE11-8AB2
					PROFIBUS DP	6SL3210-1KE11-8UP2	6SL3210-1KE11-8AP2
					PROFINET, EtherNet/IP	6SL3210-1KE11-8UF2	6SL3210-1KE11-8AF2
0.75	1	2.2	1.7	FSAA	USS, Modbus RTU	6SL3210-1KE12-3UB2	6SL3210-1KE12-3AB2
					PROFIBUS DP	6SL3210-1KE12-3UP2	6SL3210-1KE12-3AP2
					PROFINET, EtherNet/IP	6SL3210-1KE12-3UF2	6SL3210-1KE12-3AF2
1.1	1.5	3.1	2.2	FSAA	USS, Modbus RTU	6SL3210-1KE13-2UB2	6SL3210-1KE13-2AB2
					PROFIBUS DP	6SL3210-1KE13-2UP2	6SL3210-1KE13-2AP2
					PROFINET, EtherNet/IP	6SL3210-1KE13-2UF2	6SL3210-1KE13-2AF2
1.5	2	4.1	3.1	FSAA	USS, Modbus RTU	6SL3210-1KE14-3UB2	6SL3210-1KE14-3AB2
					PROFIBUS DP	6SL3210-1KE14-3UP2	6SL3210-1KE14-3AP2
					PROFINET, EtherNet/IP	6SL3210-1KE14-3UF2	6SL3210-1KE14-3AF2
2.2	3	5.6	4.1	FSAA	USS, Modbus RTU	6SL3210-1KE15-8UB2	6SL3210-1KE15-8AB2
					PROFIBUS DP	6SL3210-1KE15-8UP2	6SL3210-1KE15-8AP2
					PROFINET, EtherNet/IP	6SL3210-1KE15-8UF2	6SL3210-1KE15-8AF2
3	4	7.3	5.6	FSA	USS, Modbus RTU	6SL3210-1KE17-5UB1	6SL3210-1KE17-5AB1
					PROFIBUS DP	6SL3210-1KE17-5UP1	6SL3210-1KE17-5AP1
					PROFINET, EtherNet/IP	6SL3210-1KE17-5UF1	6SL3210-1KE17-5AF1
4	5	8.8	7.3	FSA	USS, Modbus RTU	6SL3210-1KE18-8UB1	6SL3210-1KE18-8AB1
					PROFIBUS DP	6SL3210-1KE18-8UP1	6SL3210-1KE18-8AP1
					PROFINET, EtherNet/IP	6SL3210-1KE18-8UF1	6SL3210-1KE18-8AF1
5.5	7.5	12.5	8.8	FSB	USS, Modbus RTU	6SL3210-1KE21-3UB1	6SL3210-1KE21-3AB1
					PROFIBUS DP	6SL3210-1KE21-3UP1	6SL3210-1KE21-3AP1
					PROFINET, EtherNet/IP	6SL3210-1KE21-3UF1	6SL3210-1KE21-3AF1
7.5	10	16.5	12.5	FSB	USS, Modbus RTU	6SL3210-1KE21-7UB1	6SL3210-1KE21-7AB1
					PROFIBUS DP	6SL3210-1KE21-7UP1	6SL3210-1KE21-7AP1
					PROFINET, EtherNet/IP	6SL3210-1KE21-7UF1	6SL3210-1KE21-7AF1
11	15	25	16.5	FSC	USS, Modbus RTU	6SL3210-1KE22-6UB1	6SL3210-1KE22-6AB1
					PROFIBUS DP	6SL3210-1KE22-6UP1	6SL3210-1KE22-6AP1
					PROFINET, EtherNet/IP	6SL3210-1KE22-6UF1	6SL3210-1KE22-6AF1
15	20	31	25	FSC	USS, Modbus RTU	6SL3210-1KE23-2UB1	6SL3210-1KE23-2AB1
					PROFIBUS DP	6SL3210-1KE23-2UP1	6SL3210-1KE23-2AP1
					PROFINET, EtherNet/IP	6SL3210-1KE23-2UF1	6SL3210-1KE23-2AF1
18.5	25	37	31	FSC	USS, Modbus RTU	6SL3210-1KE23-8UB1	6SL3210-1KE23-8AB1
					PROFIBUS DP	6SL3210-1KE23-8UP1	6SL3210-1KE23-8AP1
					PROFINET, EtherNet/IP	6SL3210-1KE23-8UF1	6SL3210-1KE23-8AF1
22	25	43	37	FSD	PROFINET, EtherNet/IP	6SL3210-1KE24-4UF1	6SL3210-1KE24-4AF1
30	30	58	43	FSD	PROFINET, EtherNet/IP	6SL3210-1KE26-0UF1	6SL3210-1KE26-0AF1
37	40	68	58	FSD	PROFINET, EtherNet/IP	6SL3210-1KE27-0UF1	6SL3210-1KE27-0AF1
45	50	82.5	68	FSD	PROFINET, EtherNet/IP	6SL3210-1KE28-4UF1	6SL3210-1KE28-4AF1
55	60	103	83	FSE	PROFINET, EtherNet/IP	6SL3210-1KE31-1UF1	6SL3210-1KE31-1AF1
75	75	136	103	FSF	PROFINET, EtherNet/IP	6SL3210-1KE31-4UF1	6SL3210-1KE31-4AF1
90	100	164	136	FSF	PROFINET, EtherNet/IP	6SL3210-1KE31-7UF1	6SL3210-1KE31-7AF1
110	125	201	164	FSF	PROFINET, EtherNet/IP	6SL3210-1KE32-1UF1	6SL3210-1KE32-1AF1
132	150	237	201	FSF	PROFINET, EtherNet/IP	6SL3210-1KE32-4UF1	6SL3210-1KE32-4AF1

¹⁾ The rated power of the device based on the rated output current I_L and a rated input voltage of 400 V 3 AC. The rated power is specified on the device rating plate.

²⁾ The base-load current I_L is based on the duty cycle for low overload (LO). The current value is specified on the device rating plate.

³⁾ The base-load current I_H is based on the duty cycle for high overload (HO). The current value is not specified on the device rating plate.