

SINAMICS G120 standard inverters

0.37 kW to 250 kW (0.5 hp to 400 hp)

Power Modules

Selection and ordering data

PM240 Power Modules

Rated power ¹⁾		Rated output current I_{rated} ²⁾	Power based on the base load current ³⁾		Base load current I_H ³⁾	Frame size	PM240 Power Module without integrated line filter	PM240 Power Module with integrated line filter class A
kW	hp	A	kW	hp	A		Order No.	Order No.
380 ... 480 V 3 AC								
0.37	0.50	1.3	0.37	0.50	1.3	FSA	6SL3224-0BE13-7UA0	–
0.55	0.75	1.7	0.55	0.75	1.7	FSA	6SL3224-0BE15-5UA0	–
0.75	1.0	2.2	0.75	1.0	2.2	FSA	6SL3224-0BE17-5UA0	–
1.1	1.5	3.1	1.1	1.5	3.1	FSA	6SL3224-0BE21-1UA0	–
1.5	2.0	4.1	1.5	2.0	4.1	FSA	6SL3224-0BE21-5UA0	–
2.2	3.0	5.9	2.2	3.0	5.9	FSB	6SL3224-0BE22-2UA0	6SL3224-0BE22-2AA0
3.0	4.0	7.7	3.0	4.0	7.7	FSB	6SL3224-0BE23-0UA0	6SL3224-0BE23-0AA0
4.0	5.0	10.2	4.0	5.0	10.2	FSB	6SL3224-0BE24-0UA0	6SL3224-0BE24-0AA0
7.5	10	18	5.5	7.5	13.2	FSC	6SL3224-0BE25-5UA0	6SL3224-0BE25-5AA0
11.0	15	25	7.5	10	19	FSC	6SL3224-0BE27-5UA0	6SL3224-0BE27-5AA0
15.0	20	32	11.0	15	26	FSC	6SL3224-0BE31-1UA0	6SL3224-0BE31-1AA0
18.5	25	38	15.0	20	32	FSD	6SL3224-0BE31-5UA0	6SL3224-0BE31-5AA0
22	30	45	18.5	25	38	FSD	6SL3224-0BE31-8UA0	6SL3224-0BE31-8AA0
30	40	60	22	30	45	FSD	6SL3224-0BE32-2UA0	6SL3224-0BE32-2AA0
37	50	75	30	40	60	FSE	6SL3224-0BE33-0UA0	6SL3224-0BE33-0AA0
45	60	90	37	50	75	FSE	6SL3224-0BE33-7UA0	6SL3224-0BE33-7AA0
55	75	110	45	60	90	FSF	6SL3224-0BE34-5UA0	6SL3224-0BE34-5AA0
75	100	145	55	75	110	FSF	6SL3224-0BE35-5UA0	6SL3224-0BE35-5AA0
90	125	178	75	100	145	FSF	6SL3224-0BE37-5UA0	6SL3224-0BE37-5AA0
110	150	205	90	125	178	FSF	6SL3224-0BE38-8UA0	–
132	200	250	110	150	205	FSF	6SL3224-0BE41-1UA0	–
160	250	302	132	200	250	FSGX	6SL3224-0XE41-3UA0	–
200	300	370	160	250	302	FSGX	6SL3224-0XE41-6UA0	–
250	400	477	200	300	370	FSGX	6SL3224-0XE42-0UA0	–

PM260 Power Modules

Rated power ¹⁾		Rated output current I_{rated} ⁴⁾	Power based on the base load current ³⁾		Base load current I_H ³⁾	Frame size	PM260 Power Module without integrated line filter	PM260 Power Module with integrated line filter class A
kW	hp	A	kW	hp	A		Order No.	Order No.
500 ... 690 V 3 AC								
11.0	15	14	7.5	10	10	FSD	6SL3225-0BH27-5UA1	6SL3225-0BH27-5AA1
15.0	20	19	11	15	14	FSD	6SL3225-0BH31-1UA1	6SL3225-0BH31-1AA1
18.5	25	23	15	20	19	FSD	6SL3225-0BH31-5UA1	6SL3225-0BH31-5AA1
30	40	35	22	30	26	FSF	6SL3225-0BH32-2UA1	6SL3225-0BH32-2AA1
37	50	42	30	40	35	FSF	6SL3225-0BH33-0UA1	6SL3225-0BH33-0AA1
55	75	62	37	50	42	FSF	6SL3225-0BH33-7UA1	6SL3225-0BH33-7AA1

¹⁾ Rated power based on the rated output current I_{rated} . The rated output current I_{rated} is based on the duty cycle for low overload (LO).

²⁾ The rated output current I_{rated} is based on the duty cycle for low overload (LO). These current values are valid for 400 V and are specified on the rating plate of the Power Module.

³⁾ The base load current I_H is based on the duty cycle for high overload (HO).

⁴⁾ The rated output current I_{rated} is based on the duty cycle for low overload (LO). These current values are valid for 690 V and are specified on the rating plate of the Power Module.