

7.6 Technical data, 400 V inverters

Table 7-28 PM240-2, IP20, Frame Size F, 3-ph. AC 380 V ... 480 V

Article number without filter Article number with filter	6SL3210-1PE31-5UL0 6SL3210-1PE31-5AL0	6SL3210-1PE31-8UL0 6SL3210-1PE31-8AL0	6SL3210-1PE32-1UL0 6SL3210-1PE32-1AL0
LO base load power	75 kW	90 kW	110 kW
LO base load input current	140 A	172 A	198 A
LO base load output current	145 A	178 A	205 A
HO base load power	55 kW	75 kW	90 kW
HO base load input current	117 A	154 A	189 A
HO base load output current	110 A	145 A	178 A
Fuse according to IEC/UL	3NA3140 (200 A)	3NA3142 (224 A)	3NA3250 (300 A)
Fuse according to IEC/UL, Class J	200 A	250 A	300 A
Power loss without filter	1.91 kW	2.46 kW	2.28 kW
Power loss with filter	1.93 kW	2.48 kW	2.30 kW
Required cooling air flow	153 l/s	153 l/s	153 l/s
Weight without filter	57 kg	57 kg	61 kg
Weight with filter	63 kg	63 kg	65 kg

Table 7-29 PM240-2, IP20, Frame Size F, 3-ph. AC 380 V ... 480 V

Article number without filter Article number with filter	6SL3210-1PE32-5UL0 6SL3210-1PE32-5AL0
LO base load power	132 kW
LO base load input current	242 A
LO base load output current	250 A
HO base load power	110 kW
HO base load input current	218 A
HO base load output current	205 A
Fuse according to IEC/UL	3NA3252 (315 A)
Fuse according to IEC/UL, Class J	350 A
Power loss without filter	2.98 kW
Power loss with filter	3.02 kW
Required cooling air flow	153 l/s
Weight without filter	61 kg
Weight with filter	65 kg