

SINAMICS G120

Product Data Sheet

6SL3225-0BE25-5AA1

PM250 power module

FUNCTION PM250 power module	FAMILY SINAMICS G120	ORIGIN Germany	WEIGHT 2.34 kg
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Siemens SINAMICS 6SL3225-0BE25-5AA1 is a PM250 power module for the SINAMICS G120. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Component Class	PM250 power module
Drive Family	SINAMICS G120
Primary Function	Supplies a regenerative motor output
Power Architecture	PM250 line-commutated power stage
Voltage Class	380–480 V AC
Current Rating	18 A output
Power Section	5.5 kW IEC / 7.5 kW HO
Mechanical Design	Compact power module
Electrical Interface	Motor, line and Control Unit interfaces
Commissioning Check	Test regeneration and motor current

- Service the|5.5 kW motor duty: Use 6SL3225-0BE25-5AA1 to supplies a regenerative motor output in the documented SINAMICS G120. Match 380–480 V AC, 18 A output and the installed 5.5 kw iec / 7.5 kw ho before work.
- Restore the|18 A output: Record motor, line and control unit interfaces, adjacent hardware, cable routing and grounding before removal. Preserve the exact connector orientation and mechanical arrangement while installing the 18 A PM250 module.
- Complete the|regenerative test: Test regeneration and motor current. Review Siemens drive diagnostics and record the final 18 A PM250 module configuration before returning the affected machine function to service.

Match 6SL3225-0BE25-5AA1 to the installed SINAMICS G120, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

[Siemens manufacturer documentation](#)

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