

A5E34612879

SINAMICS G120L Inverter Power Board

Siemens A5E34612879 identifies a inverter power board used within a documented SINAMICS G120L PM330L power-unit assembly. Replacement requires the exact host hardware execution, board position, connections, cooling and drive configuration to be preserved.

BRAND	Siemens	FAMILY	SINAMICS G120L PM330L
PART	A5E34612879	SYSTEM ROLE	Keeps the exact A5E34612879 board identity

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A5E34612879

MANUFACTURER SOURCE RECORD

SINAMICS G120L Power Modules PM330L Hardware Installation Manual
01/2017, A5E35778999A AE

Product Overview

SYSTEM FUNCTION

Siemens A5E34612879 identifies a inverter power board used within a documented SINAMICS G120L PM330L power-unit assembly. Replacement requires the exact host hardware execution, board position, connections, cooling and drive configuration to be preserved.

FUNCTION 1

Keeps the exact A5E34612879 board identity

FUNCTION 2

Belongs to the documented SINAMICS G120L PM330L power-unit path

FUNCTION 3

Requires matching to the installed host hardware execution

FUNCTION 4

Supports controlled diagnostic and motor-function verification

System Components

COMPONENT	DOCUMENTED ROLE
Host / carrier	SINAMICS G120L PM330L
Primary interface	Keeps the exact A5E34612879 board identity
Engineering context	The board is selected together with its host power unit rather than as a stand-alone drive rating. Isolation, cabinet access, connection, cooling and recommissioning follow the applicable Siemens SINAMICS G120L PM330L hardware instructions and the as-installed record.
Commissioning duty	Complete controlled direction, feedback, current and motor-function tests before release.

TECHNICAL NOTE

Before removing A5E34612879, record the complete power-unit type, board position, power and control interfaces, grounding and cooling arrangement. Install only in the documented hardware execution, restore the approved configuration and complete staged drive diagnostics and motor tests.

Technical Data

PARAMETER	VALUE	PARAMETER	VALUE
Article identifier	A5E34612879	Installation basis	Documented installed power-unit execution
Component type	inverter power board	Connection basis	Recorded board and host interfaces
Drive family	SINAMICS G120L PM330L	Commissioning basis	Approved drive configuration and diagnostics

Related Products on Apter Power

MODEL	SYSTEM ROLE	APTER POWER PAGE
Siemens	C98043-A7105-L4-9 product page	View Siemens page
Siemens	6SL3210-5FB10-4UF1 product page	View Siemens page
Siemens	39VIMCCN-A5E00282175-07 product page	View Siemens page
Siemens	39EAMCBN-A5E00282025-05 product page	View Siemens page
Siemens	6SE6440-2UD31-1CA1 product page	View Siemens page
Siemens	6SE7033-5GJ84-1JC0 product page	View Siemens page
Siemens	6SL3224-0BE31-1UA0 product page	View Siemens page
Siemens	6SL3210-1PE31-8AL0 product page	View Siemens page

ENGINEERING BOUNDARY

Confirm A5E34612879, the complete SINAMICS G120L PM330L host and hardware version, connectors, DC-link isolation, protective bonding, cooling, firmware, approved configuration and controlled test results before commissioning.

Applications and Precautions

Common Applications

SINAMICS G120L PM330L power-unit service

Restores the documented internal board position after controlled isolation.

Power-stage fault recovery

Supports board-level service after the host unit is exactly identified.

Drive cabinet refurbishment

Preserves internal connections, protective bonding and cooling paths.

Controlled drive recommissioning

Combines configuration comparison, diagnostics and staged motor testing.

Product Precautions

- 1

Confirm A5E34612879 and the complete installed SINAMICS G120L PM330L power-unit record.
- 2

Place the drive, motor and connected process in the approved maintenance state.
- 3

Isolate incoming power and prove the DC link and all stored energy discharged.
- 4

Record board position, every power and control connector, grounding and cooling hardware.
- 5

Use ESD controls and preserve insulation clearances, bonding and airflow paths.
- 6

Install only in the documented host execution and restore the approved drive configuration.
- 7

Review board, power-unit, communication and temperature diagnostics after energization.
- 8

Complete controlled direction, feedback, current and motor-function tests before release.

IMPORTANT NOTICE

Confirm A5E34612879, the complete SINAMICS G120L PM330L host and hardware version, connectors, DC-link isolation, protective bonding, cooling, firmware, approved configuration and controlled test results before commissioning.

ACCEPTANCE CHECK	REQUIRED EVIDENCE
Identity	A5E34612879
Configuration	Review board, power-unit, communication and temperature diagnostics after energization.
Functional release	Complete controlled direction, feedback, current and motor-function tests before release.

Engineer FAQ

Q1 How should the complete A5E34612879 identity be verified before replacement?

Confirm A5E34612879 and the complete installed SINAMICS G120L PM330L power-unit record.

Q3 What isolation sequence applies before disconnecting A5E34612879?

Place the drive, motor and connected process in the approved maintenance state. Isolate incoming power and prove the DC link and all stored energy discharged.

Q5 How should ESD, grounding and cooling be controlled when handling A5E34612879?

Use ESD controls and preserve insulation clearances, bonding and airflow paths.

Q7 Which diagnostics should be reviewed during A5E34612879 recommissioning?

Review board, power-unit, communication and temperature diagnostics after energization.

Q2 Which Siemens drive family must be checked before installing A5E34612879?

The board is selected together with its host power unit rather than as a stand-alone drive rating. Isolation, cabinet access, connection, cooling and recommissioning follow the applicable Siemens SINAMICS G120L PM330L hardware instructions and the as-installed record.

Q4 Which connections should be recorded before removing A5E34612879?

Record board position, every power and control connector, grounding and cooling hardware.

Q6 How is the approved configuration restored after fitting A5E34612879?

Install only in the documented host execution and restore the approved drive configuration.

Q8 What acceptance test is required before A5E34612879 returns to service?

Complete controlled direction, feedback, current and motor-function tests before release.

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