

A5E36228241

SINAMICS G120L Inverter Power Board

Siemens A5E36228241 identifies an inverter power-board assembly used within a documented SINAMICS G120L power-module configuration. Its replacement must preserve the installed PM330L hardware execution, connections, cooling and parameter record.

BRAND	Siemens	FAMILY	SINAMICS G120L PM330L
PART	A5E36228241	SYSTEM ROLE	Keeps the exact A5E36228241 board identity

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A5E36228241

MANUFACTURER SOURCE RECORD

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

Product Overview

SYSTEM FUNCTION

Siemens A5E36228241 identifies an inverter power-board assembly used within a documented SINAMICS G120L power-module configuration. Its replacement must preserve the installed PM330L hardware execution, connections, cooling and parameter record.

FUNCTION 1

Keeps the exact A5E36228241 board identity

FUNCTION 2

Belongs to the documented G120L inverter power path

FUNCTION 3

Requires matching to the installed PM330L 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 A5E36228241 board identity
Engineering context	The board is not selected independently from its host power module. Service work follows the PM330L hardware manual and the as-installed unit record for isolation, cabinet access, connection restoration and recommissioning.
Commissioning duty	Complete controlled direction, feedback, current and motor-function tests before release.

TECHNICAL NOTE

Record the complete G120L power-module type, board position, control connections, power interfaces and cooling arrangement before removing A5E36228241. Restore only the documented hardware execution, then compare parameters and diagnostics and complete controlled motor tests.

Technical Data

PARAMETER	VALUE	PARAMETER	VALUE
Article identifier	A5E36228241	Power-module family	PM330L
Component type	Inverter power board	Installation basis	Documented installed power-module execution
Drive family	SINAMICS G120L	Commissioning basis	Approved drive parameter and diagnostic record

Related Products on Apter Power

MODEL	SYSTEM ROLE	APTER POWER PAGE
Siemens	6RY1803-1DA04 product page	View Siemens page
Siemens	6SL3352-6TE33-8AA3 product page	View Siemens page
Siemens	6RY1803-0DA04 product page	View Siemens page
Siemens	C98043-A7106-L4 product page	View Siemens page
Siemens	6RY1803-0DA03 product page	View Siemens page
Siemens	C98043-A7106-L1 product page	View Siemens page
Siemens	6SE7090-0XX87-4AH0 product page	View Siemens page
Siemens	C98043-A7109-L100 product page	View Siemens page

ENGINEERING BOUNDARY

Confirm A5E36228241, the complete G120L PM330L host, hardware version, connectors, DC-link isolation, protective bonding, cooling, firmware, parameter set and controlled test results before commissioning.

Applications and Precautions

Common Applications

G120L power-module service

Restores the documented inverter-board position in a PM330L assembly.

Drive cabinet refurbishment

Preserves the approved cooling, grounding and internal connection arrangement.

Inverter fault recovery

Supports board-level service after the host power module is correctly identified.

Controlled drive recommissioning

Combines parameter comparison, diagnostics and staged motor testing.

Product Precautions

- 1

Confirm A5E36228241 and the complete installed G120L PM330L power-module record.
- 2

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

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

Record board position, control connectors, power interfaces, grounding and cooling hardware.
- 5

Use ESD controls and preserve creepage distances, bonding and airflow paths.
- 6

Install only in the documented PM330L execution and restore the approved parameter set.
- 7

Review power-module, inverter, communication and temperature diagnostics after energization.
- 8

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

IMPORTANT NOTICE

Confirm A5E36228241, the complete G120L PM330L host, hardware version, connectors, DC-link isolation, protective bonding, cooling, firmware, parameter set and controlled test results before commissioning.

ACCEPTANCE CHECK	REQUIRED EVIDENCE
Identity	A5E36228241
Configuration	Review power-module, inverter, 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 A5E36228241 identity be verified before replacement?

Confirm A5E36228241 and the complete installed G120L PM330L power-module record.

Q3 What isolation sequence applies before disconnecting A5E36228241?

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

Q5 How should ESD, grounding and cooling be controlled when handling A5E36228241?

Use ESD controls and preserve creepage distances, bonding and airflow paths.

Q7 Which diagnostics should be reviewed during A5E36228241 recommissioning?

Review power-module, inverter, communication and temperature diagnostics after energization.

Q2 Which Siemens drive family must be checked before installing A5E36228241?

The board is not selected independently from its host power module. Service work follows the PM330L hardware manual and the as-installed unit record for isolation, cabinet access, connection restoration and recommissioning.

Q4 Which connections should be recorded before removing A5E36228241?

Record board position, control connectors, power interfaces, grounding and cooling hardware.

Q6 How is the approved configuration restored after fitting A5E36228241?

Install only in the documented PM330L execution and restore the approved parameter set.

Q8 What acceptance test is required before A5E36228241 returns to service?

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

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