

A5E36717803

SINAMICS Power-unit Service Component

Siemens A5E36717803 is a service component handled within the documented SINAMICS S120 Chassis Power Unit hardware-maintenance workflow. Its installation must be matched to the complete power-unit nameplate, hardware revision, connector arrangement and approved Siemens documentation.

IDENTITY	VERIFIED VALUE
Manufacturer	Siemens
System family	SINAMICS S120 Chassis Power Unit
Part number	A5E36717803
Product role	Preserves the complete Siemens article identifier
Lifecycle	Installed product record

DOCUMENT SCOPE

Exact-article identity, technical data, host role, installation checks, applications, precautions and engineering verification.

MODEL-SPECIFIC ENGINEERING NOTE

Isolate the complete drive supply and prove the DC link discharged before installing A5E36717803. Record the host revision and all power, control, cooling and protective-conductor connections; complete staged diagnostics before motor operation.

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Technical Specifications

Technical values below are limited to the named Siemens product record and directly applicable manufacturer documentation.

PARAMETER	VALUE	PARAMETER	VALUE
Article identifier	A5E36717803	Service context	Drive power-unit maintenance
Manufacturer	Siemens	Configuration boundary	Installed system record
System documentation	SINAMICS S120 Chassis Power Unit		

Verified Product Record

DATA GROUP	VERIFIED VALUE
Installed host / carrier	SINAMICS S120 Chassis Power Unit
Primary system role	Preserves the complete Siemens article identifier
Connection boundary	Isolate the complete drive supply and prove the DC link discharged before installing A5E36717803. Record the host revision and all power, control, cooling and protective-conductor connections; complete staged diagnostics before motor operation.
Controlled acceptance duty	SINAMICS power-unit repair

ENGINEERING BOUNDARY

Confirm A5E36717803, host power-unit designation, hardware revision, power and control interfaces, DC-link discharge, grounding, cooling, firmware, parameter backup and controlled diagnostic results before commissioning.

Pre-Installation Checks

- 1

Confirm the complete A5E36717803 marking and the installed SINAMICS power-unit nameplate.
- 2

Isolate incoming power, lock out the drive and prove the DC link discharged.
- 3

Record every busbar, semiconductor, gate-drive, sensor and cooling connection.
- 4

Use ESD controls and protect all control connectors and insulation surfaces.

Documented Service Record

RECORD ITEM	REQUIRED ENTRY
As-found article	A5E36717803
Installed host	SINAMICS S120 Chassis Power Unit
Connection record	Capture before removal
Controlled release	Diagnostics and functional proof

System Role and Architecture

Siemens A5E36717803 is a service component handled within the documented SINAMICS S120 Chassis Power Unit hardware-maintenance workflow. Its installation must be matched to the complete power-unit nameplate, hardware revision, connector arrangement and approved Siemens documentation.

FUNCTION 1
Preserves the complete Siemens article identifier

FUNCTION 2
Supports a documented SINAMICS power-unit service boundary

FUNCTION 3
Requires controlled DC-link isolation and discharge

FUNCTION 4
Returns to service only after connection and diagnostic verification

Matched System Components

NO.	DOCUMENTED COMPONENT / ROLE
1	SINAMICS S120 Chassis Power Unit
2	Siemens
3	SINAMICS power-unit repair
4	Isolate the complete drive supply and prove the DC link discharged before installing A5E36717803. Record the host revision and all power, control, cooling and protective-conductor connections; complete staged diagnostics before motor operation.

System Integration Record

INTEGRATION ITEM	DOCUMENTED ROLE
Host identity	SINAMICS S120 Chassis Power Unit
Interface role	Preserves the complete Siemens article identifier
Field / power context	Match A5E36717803 to the installed SINAMICS power unit and approved maintenance record. Follow the Siemens manual for isolation, DC-link discharge, connections, grounding, cooling and recommissioning.
Commissioning evidence	Energize in stages and verify power-unit diagnostics before enabling the motor.

Installation and Connection Checks

1 Match hardware revision, connector coding and mechanical interfaces to the as-found assembly.

2 Restore protective grounding, shielding, cooling paths and cabinet clearances.

3 Reload only the approved drive project, firmware and parameter backup.

4 Energize in stages and verify power-unit diagnostics before enabling the motor.

MANUFACTURER SOURCE RECORD

SINAMICS S120 Chassis Power Units Air Cooled Equipment Manual
Siemens manual, 2025 edition supplied by user

Applications and Engineering Context

SINAMICS power-unit repair

Supports an article-controlled service operation in the matching drive cabinet.

Drive cabinet refurbishment

Provides an exact reference for documenting removed and installed power hardware.

Power-stage connection restoration

Guides controlled recovery of busbar, gate, sensor and protective-conductor interfaces.

Post-repair recommissioning

Supports staged diagnostics and motor-enable checks after approved maintenance.

TECHNICAL NOTE

Isolate the complete drive supply and prove the DC link discharged before installing A5E36717803. Record the host revision and all power, control, cooling and protective-conductor connections; complete staged diagnostics before motor operation.

Model-Specific Acceptance Evidence

CHECK	ACCEPTANCE CONDITION
Identity	A5E36717803 recorded
Host / carrier	SINAMICS S120 Chassis Power Unit
Physical interface	Preserves the complete Siemens article identifier
Configuration	Reload only the approved drive project, firmware and parameter backup.
Functional proof	Energize in stages and verify power-unit diagnostics before enabling the motor.

IMPORTANT NOTICE

Confirm A5E36717803, host power-unit designation, hardware revision, power and control interfaces, DC-link discharge, grounding, cooling, firmware, parameter backup and controlled diagnostic results before commissioning.

Controlled Release Summary

RELEASE ITEM	MODEL-SPECIFIC CONDITION
Article identity	A5E36717803
Approved role	SINAMICS power-unit repair
Final validation	Energize in stages and verify power-unit diagnostics before enabling the motor.

Engineering Precautions

- 1

Confirm the complete A5E36717803 marking and the installed SINAMICS power-unit nameplate.
- 2

Isolate incoming power, lock out the drive and prove the DC link discharged.
- 3

Record every busbar, semiconductor, gate-drive, sensor and cooling connection.
- 4

Use ESD controls and protect all control connectors and insulation surfaces.
- 5

Match hardware revision, connector coding and mechanical interfaces to the as-found assembly.
- 6

Restore protective grounding, shielding, cooling paths and cabinet clearances.
- 7

Reload only the approved drive project, firmware and parameter backup.
- 8

Energize in stages and verify power-unit diagnostics before enabling the motor.

Related Products on Apter Power

MODEL	SYSTEM ROLE	APTER POWER PAGE
6SL3200-0SP01-0AA0	CIM PM-IF assembly	View 6SL3200-0SP01-0AA0 page
6SE7041-8HK85-1HA0	PER2 interface	View 6SE7041-8HK85-1HA0 page
6SE7041-8EK85-0HA0	PER3 interface	View 6SE7041-8EK85-0HA0 page
6SE7041-8GK85-0HA0	PER3 interface	View 6SE7041-8GK85-0HA0 page
6RA8075-6DS22-0AA0	DC converter	View 6RA8075-6DS22-0AA0 page
6ES7314-6BH04-0AB0	S7-300 CPU	View 6ES7314-6BH04-0AB0 page
6ES7223-1BL22-0XA0	S7-200 I/O	View 6ES7223-1BL22-0XA0 page
6AU1455-2AD00-0AA0	SIMOTION controller	View 6AU1455-2AD00-0AA0 page

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