

SINAMICS POWER-BLOCK REPAIR PARTS

Product Data Sheet

A5E36717792

High-power inverter driver board

FUNCTION	FAMILY	ORIGIN	WEIGHT
High-power inverter driver board	SINAMICS power-block repair parts	Germany	0.82 kg

Siemens SINAMICS A5E36717792 is a High-power inverter driver board for the SINAMICS power-block repair parts. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Component Class	Inverter driver board
Drive Family	SINAMICS power blocks
Primary Function	Generates isolated power-switch commands
Power Architecture	IGD3/R2 gate-drive stage
Voltage Class	Up to 800 V DC peak
Current Rating	Installed module current class
Control Supply	24 V DC logic supply
Power Section	Inverter firing section
Mechanical Design	Protected circuit-board assembly
Electrical Interface	Isolated gate and feedback plugs

ADDITIONAL PRODUCT DATA

Cooling Integration	Mounted within cooled power unit
Board Designation	A5E36717792 driver board
Service Role	High-power converter repair item
Product Status	Siemens service spare
Commissioning Check	Confirm isolation above 2.5 kV

OFFICIAL APPLICATIONS

- Apply the High-power inverter driver board: Use A5E36717792 for generates isolated power-switch commands only after confirming the installed drive family, exact section and electrical class.
- Match the Up to 800 V DC peak hardware: Compare the full nameplate, connector positions, board designation, power-device rating and cooling arrangement before replacement.
- Validate the repaired drive section: Confirm isolation above 2.5 kV. Review drive diagnostics and test the affected motor, line or braking function under the approved commissioning procedure.

SYSTEM COMPATIBILITY

Match A5E36717792 to the installed SINAMICS power-block repair parts, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

OFFICIAL SOURCES

[Siemens Industry Mall and applicable drive documentation](#)

<https://mall.industry.siemens.com/mall/en/WW/Catalog/Product/A5E36717792>

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