

SINAMICS CHASSIS DRIVE SYSTEM

Product Data Sheet

6SL3352-1AE37-5BA1

Replacement power block assembly

FUNCTION Replacement power block assembly	FAMILY SINAMICS chassis drive system	ORIGIN Germany	WEIGHT 88 kg
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Siemens SINAMICS 6SL3352-1AE37-5BA1 is a Replacement power block assembly for the SINAMICS chassis drive system. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Component Class	Replacement power block
Drive Family	SINAMICS chassis drives
Primary Function	Replaces inverter V and W phases
Power Architecture	Three-phase AC drive power section
Voltage Class	380–480 V AC
Current Rating	745 A
Line Frequency	50/60 Hz
Power Section	V and W inverter phases
Mechanical Design	Chassis power block
Electrical Interface	Power-module bus connections

ADDITIONAL PRODUCT DATA

Cooling Integration	Match installed cooling circuit
Board Protection	Painted electronic assemblies
Busbar Treatment	Nickel-plated power busbars
Service Classification	Siemens spare part
Commissioning Check	Verify V/W phase assignment and insulation

OFFICIAL APPLICATIONS

- Restore the documented Replacement power block assembly: Use 6SL3352-1AE37-5BA1 for replaces inverter v and w phases only after confirming the complete installed drive designation, voltage class and physical interface.
- Match the 380–480 V AC installation: Compare the nameplate, module position, connectors, cooling arrangement and mating power hardware before removing the existing component.
- Complete model-specific verification: Verify V/W phase assignment and insulation. Then energise under the approved Siemens procedure, review diagnostics and test the affected motor or DC-drive function before service.

SYSTEM COMPATIBILITY

Match 6SL3352-1AE37-5BA1 to the installed SINAMICS chassis drive system, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

OFFICIAL SOURCES

Siemens **SINAMICS / SIMOVERT** manufacturer documentation

<https://mall.industry.siemens.com/>

AMIKON PRODUCT SUPPORT

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