

SIMOVERT MASTERDRIVES

Product Data Sheet

6SE7031-7HG84-6JA1

PSU1 power supply module

FUNCTION PSU1 power supply module	FAMILY SIMOVERT MASTERDRIVES	ORIGIN Germany	WEIGHT Confirm before dispatch
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Siemens SIMOVERT 6SE7031-7HG84-6JA1 is a PSU1 power supply module for the SIMOVERT MASTERDRIVES. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Component Class	PSU1 power supply module
Drive Family	SIMOVERT MASTERDRIVES
Primary Function	Generates control power for designs E through H
Power Architecture	PSU1 multi-input supply
Voltage Class	380–460 / 660–690 V AC
Current Rating	Design E–H load class
Control Supply	510–620 / 890–930 V DC
Power Section	Converter power-supply section
Mechanical Design	Plug-in PSU1 module
Electrical Interface	Mains, DC and output connectors

ADDITIONAL PRODUCT DATA

Cooling Integration	Forced cabinet airflow
Board Designation	6SE7031-7HG84-6JA1 PSU1
Service Role	Design E–H supply spare
Product Status	Legacy Siemens component
Commissioning Check	Verify input range and DC outputs

OFFICIAL APPLICATIONS

- Apply the|Design E–H PSU1 module: Use 6SE7031-7HG84-6JA1 to generates control power for designs e through h in the documented SIMOVERT MASTERDRIVES. Confirm the installed section, electrical class and controlled drawing before intervention.
- Match the|Mains, DC and output connectors: Record the exact board marking, connector keying, adjacent assemblies, cable routing and protective-earth arrangement. Preserve the documented Design E–H PSU1 module interface during exchange.
- Validate the|Verify input range and DC outputs: After installation, verify input range and dc outputs. Review Siemens drive diagnostics, capture the final test results and release the affected machine function through the site procedure.

SYSTEM COMPATIBILITY

Match 6SE7031-7HG84-6JA1 to the installed SIMOVERT MASTERDRIVES, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

OFFICIAL SOURCES

[Siemens Industry manufacturer documentation](#)

<https://support.industry.siemens.com/cs/products?search=6SE7031-7HG84-6JA1>

AMIKON PRODUCT SUPPORT

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