

SIMOVERT MASTERDRIVES

Product Data Sheet

6SE7027-2ED84-1HF5

PEU output module

FUNCTION PEU output module	FAMILY SIMOVERT MASTERDRIVES	ORIGIN Germany	WEIGHT 0.2 kg
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Siemens SIMOVERT 6SE7027-2ED84-1HF5 is a PEU output module for the SIMOVERT MASTERDRIVES. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Component Class	PEU output module
Drive Family	SIMOVERT MASTERDRIVES
Primary Function	Controls the three-phase inverter output
Power Architecture	PEU power-stage electronics
Voltage Class	380–480 V AC
Current Rating	79.2 A output
Power Section	37 kW inverter section
Mechanical Design	Plug-in power module
Electrical Interface	Power and feedback connectors
Commissioning Check	Check phase current and output symmetry

ADDITIONAL PRODUCT DATA

OFFICIAL APPLICATIONS

- Service the 37 kW inverter: Use 6SE7027-2ED84-1HF5 to controls the three-phase inverter output in the documented SIMOVERT MASTERDRIVES. Match 380–480 V AC, 79.2 A output and the installed 37 kw inverter section before work.
- Restore the 79.2 A output: Record power and feedback connectors, adjacent hardware, cable routing and grounding before removal. Preserve the exact connector orientation and mechanical arrangement while installing the 37 kW PEU module.
- Complete the phase symmetry: Check phase current and output symmetry. Review Siemens drive diagnostics and record the final 37 kW PEU module configuration before returning the affected machine function to service.

SYSTEM COMPATIBILITY

Match 6SE7027-2ED84-1HF5 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 manufacturer documentation](#)

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

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