

APTER POWER PRODUCT MANUAL

6ES7407-0DA01-0AA0

SIMATIC S7-400 PS 407 4 A Power Supply

The Siemens 6ES7407-0DA01-0AA0 is a SIMATIC S7-400 PS 407 power-supply module. It accepts 120/230 V AC and provides the 5 V DC backplane supply rated at 4 A for the configured S7-400 rack modules.

The module energizes the automation rack and supports the CPU and installed modules within the documented S7-400 power budget.

Manufacturer	Siemens
Prepared by	Apter Power
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APTER POWER SALES TEAM

INDUSTRIAL AUTOMATION PRODUCT SUPPORT

Power the S7-400 Backplane from a Verified 4 A Budget.

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SCAN FOR PRODUCT & QUOTE
6ES7407-0DA01-0AA0

1. Product Overview and Identity

The Siemens 6ES7407-0DA01-0AA0 is a SIMATIC S7-400 PS 407 power-supply module. It accepts 120/230 V AC and provides the 5 V DC backplane supply rated at 4 A for the configured S7-400 rack modules.

The module energizes the automation rack and supports the CPU and installed modules within the documented S7-400 power budget.

Model Configuration

Field	Verified information
Complete model	6ES7407-0DA01-0AA0
Manufacturer	Siemens
Product description	SIMATIC S7-400 PS 407 4 A Power Supply

Key Features

- Exact 6ES7407-0DA01-0AA0 identity retained
- Manufacturer-source data separated from unconfirmed values
- SIMATIC S7-400
- System context: SIMATIC S7-400
- Model-specific lifecycle and installation guidance

2. Technical Specifications

Only manufacturer-confirmed information is stated. Values absent from the named Siemens source are marked for nameplate or document verification.

Parameter	Verified value
System	SIMATIC S7-400
Module	PS 407
Input	120/230 V AC
Backplane output	5 V DC / 4 A
Lifecycle	PM500 since 1 October 2018
Published successor	6ES7407-0DA02-0AA0

Verification Note

Use the complete 6ES7407-0DA01-0AA0 identifier. Siemens lists 6ES7407-0DA01-0AA0 as PM500 since 1 October 2018 and names 6ES7407-0DA02-0AA0 as successor. Values not published in the cited Siemens source are intentionally not inferred.

3. Functions, Applications and Components

Core Functions

- The module energizes the automation rack and supports the CPU and installed modules within the documented S7-400 power budget.
- Maintains the documented SIMATIC S7-400 system role for this exact article number.
- Provides an exact reference for engineering, maintenance, and quotation review.

Application Areas

Application	System role
S7-400 controller racks	Supply the automation backplane.
Process and machine PLCs	Maintain CPU and module operation from a 120/230 V AC source.
Legacy rack renewal	Assess the Siemens-published successor for a verified installation.

Compatible Components

- SIMATIC S7-400 rack within the 4 A backplane power budget
- CPU and modules whose total current demand meets the S7-400 calculation
- Published successor only after full revision and project check

Lifecycle Status

Siemens lists 6ES7407-0DA01-0AA0 as PM500 since 1 October 2018 and names 6ES7407-0DA02-0AA0 as successor.

4. Installation Precautions

- Calculate total rack current before installation
- Isolate mains and confirm 120/230 V connection
- Verify rack and successor compatibility
- Follow S7-400 power-up and battery procedures
- Inspect backplane connectors before seating the module

STOP - Verify before installation

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Use the physical nameplate and current Siemens documents as the controlling records.

5. Official Source and Use Notice

Official source

Siemens Industry Mall product record for 6ES7407-0DA01-0AA0.

Apter Power product page

<https://www.apterpower.com/Siemens/6ES7407-0DA01-0AA0>

Use Notice

This is an original Apter Power product-specific reference prepared from the Siemens source named above. It is not a Siemens publication and does not replace the original data sheet, nameplate, certificate, installation drawing, safety instructions, or machine-builder documentation.

ASK FOR QUOTE

For availability and quotation details, visit www.apterpower.com or contact sales13@apterpower.com.