

APTER POWER PRODUCT MANUAL

6SC6512-0AA02

SIMODRIVE 650 Legacy Control Module

The Siemens 6SC6512-0AA02 is a legacy SIMODRIVE 650 control-module article number. The exact public Siemens technical data for this suffix was not located, so current rating, feedback type, setpoint interface, and associated power unit are not inferred.

Its installed function must be verified from the SIMODRIVE cabinet drawings, complete rating plate, mating power section, motor and feedback data, and the original Siemens commissioning records.

Manufacturer	Siemens
Prepared by	Apter Power
Document ID	AP-SIE-26-6SC6512-0AA02-PM-R1
Revision	R1
Issue date	2026-08-14

APTER POWER SALES TEAM

INDUSTRIAL AUTOMATION PRODUCT SUPPORT

Every Axis Setting Matters Before the Legacy Module Moves.

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SCAN FOR PRODUCT & QUOTE
6SC6512-0AA02

1. Product Overview and Identity

The Siemens 6SC6512-0AA02 is a legacy SIMODRIVE 650 control-module article number. The exact public Siemens technical data for this suffix was not located, so current rating, feedback type, setpoint interface, and associated power unit are not inferred.

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Model Configuration

Field	Verified information
Complete model	6SC6512-0AA02
Manufacturer	Siemens
Product description	SIMODRIVE 650 Legacy Control Module

Key Features

- Exact 6SC6512-0AA02 identity retained
- Manufacturer-source data separated from unconfirmed values
- Siemens
- System context: SIMODRIVE 650
- 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
Manufacturer	Siemens
System context	SIMODRIVE 650
Exact article	6SC6512-0AA02
Control and power rating	Verify from nameplate and exact Siemens manual
Feedback and setpoint interfaces	Verify from cabinet drawings
Parameter storage	Capture before removal

Verification Note

Use the complete 6SC6512-0AA02 identifier. 6SC6512-0AA02 is legacy SIMODRIVE hardware. Confirm current repair and replacement options with Siemens using the complete nameplate. Values not published in the cited Siemens source are intentionally not inferred.

3. Functions, Applications and Components

Core Functions

- Its installed function must be verified from the SIMODRIVE cabinet drawings, complete rating plate, mating power section, motor and feedback data, and the original Siemens commissioning records.
- Maintains the documented SIMODRIVE 650 system role for this exact article number.
- Provides an exact reference for engineering, maintenance, and quotation review.

Application Areas

Application	System role
Legacy axis drives	Maintain a verified SIMODRIVE 650 control assembly.
Machine-tool service	Preserve motor, feedback, and control settings.
Drive migration	Document the complete axis interface before redesign.

Compatible Components

- Only the SIMODRIVE 650 power section and cabinet documented for the exact module
- Motor, feedback device, control wiring, and parameter set recorded for the machine
- No compatibility is claimed from the 6SC6512 family prefix alone

Lifecycle Status

6SC6512-0AA02 is legacy SIMODRIVE hardware. Confirm current repair and replacement options with Siemens using the complete nameplate.

4. Installation Precautions

- Wait for DC-link discharge and verify absence of voltage
- Back up all axis parameters
- Photograph switches, connectors, and rating plates
- Verify motor and feedback data
- Perform a reduced-speed no-load direction test before reconnecting the process

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 SIMODRIVE family documentation, Industry Online Support, and the exact physical 6SC6512-0AA02 nameplate.

Apter Power product page

<https://www.apterpower.com/Siemens/6SC6512-0AA02>

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.