

APTER POWER PRODUCT MANUAL

6GK1571-0BA00-0AA0

SIMATIC PC Adapter USB A2

The Siemens 6GK1571-0BA00-0AA0 is a SIMATIC PC Adapter USB A2 that connects a programming device, PC, or notebook to a SIMATIC S7 MPI or PROFIBUS network through USB 2.0.

It converts the PC USB interface to an RS-485 MPI/PROFIBUS connection for engineering, diagnostics, program transfer, and online monitoring at data rates from 9.6 kbit/s to 12 Mbit/s. The package includes a 5 m USB cable and 0.3 m MPI cable for service work on compatible SIMATIC S7 systems.

Manufacturer	Siemens
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APTER POWER SALES TEAM

INDUSTRIAL AUTOMATION PRODUCT SUPPORT

A portable USB bridge into SIMATIC MPI and PROFIBUS service work.

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SCAN FOR PRODUCT & QUOTE
6GK1571-0BA00-0AA0

1. Product Overview and Identity

The Siemens 6GK1571-0BA00-0AA0 is a SIMATIC PC Adapter USB A2 that connects a programming device, PC, or notebook to a SIMATIC S7 MPI or PROFIBUS network through USB 2.0.

It converts the PC USB interface to an RS-485 MPI/PROFIBUS connection for engineering, diagnostics, program transfer, and online monitoring at data rates from 9.6 kbit/s to 12 Mbit/s. The package includes a 5 m USB cable and 0.3 m MPI cable for service work on compatible SIMATIC S7 systems.

Model Configuration

Field	Verified information
Complete model	6GK1571-0BA00-0AA0
Manufacturer	Siemens
Product description	SIMATIC PC Adapter USB A2

Key Features

- Exact Siemens MLFB 6GK1571-0BA00-0AA0
- SIMATIC PC Adapter USB A2
- USB 2.0, Standard-B socket
- MPI/PROFIBUS, 9-pin Sub-D RS-485 socket
- Model-specific lifecycle, weight, dimensions, 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
Product type	PC Adapter USB A2
PC interface	USB 2.0, Standard-B socket
Automation interface	MPI/PROFIBUS, 9-pin Sub-D RS-485 socket
Transfer rate	9.6 kbit/s to 12 Mbit/s
USB cable included	5 m
MPI cable included	0.3 m
Power supply	5 V DC from USB; no optional external supply
Siemens net weight	0.480 kg
Siemens packaging dimensions	58 x 105 x 26 mm
Country of origin	Germany
Lifecycle	PM300 active product

Verification Note

Use the complete 6GK1571-0BA00-0AA0 identifier. Siemens lists 6GK1571-0BA00-0AA0 as a PM300 active product. Values not published in the cited Siemens source are intentionally not inferred.

3. Functions, Applications and Components

Core Functions

- It converts the PC USB interface to an RS-485 MPI/PROFIBUS connection for engineering, diagnostics, program transfer, and online monitoring at data rates from 9.6 kbit/s to 12 Mbit/s. The package includes a 5 m USB cable and 0.3 m MPI cable for service work on compatible SIMATIC S7 systems.
- Maintains the documented SIMATIC S7 MPI and PROFIBUS engineering connection role for this complete Siemens article number.
- Provides a verified reference for configuration, commissioning, diagnostics, and lifecycle planning.

Application Areas

Application	System role
PLC commissioning	Connects an engineering PC to an S7 MPI or PROFIBUS interface
Program maintenance	Supports upload, download, comparison, and online monitoring
Diagnostics	Provides an engineering path for module and network troubleshooting
Field service	Creates a portable USB connection for installed SIMATIC S7 equipment

Compatible Components

- SIMATIC S7 MPI or PROFIBUS interface supported by the adapter and engineering software
- PC or programming device with a supported USB interface and Siemens driver
- Included 5 m USB and 0.3 m MPI cables, or exact Siemens-approved replacements
- STEP 7 or service software version supported by the operating system and target controller

Lifecycle Status

Siemens lists 6GK1571-0BA00-0AA0 as a PM300 active product.

4. Installation Precautions

- Software support: Confirm operating system, Siemens driver, STEP 7 version, and target CPU
- Bus settings: Match MPI/PROFIBUS address, baud rate, and network profile before connecting
- Termination: Do not disturb bus termination or connector shielding on a running network
- USB power: Use a stable PC USB port and the specified cable without unapproved hubs or extenders
- Online changes: Back up the program and follow site authorization before upload, download, or forcing

STOP - Verify before installation

Use the complete 6GK1571-0BA00-0AA0 identifier. Siemens lists 6GK1571-0BA00-0AA0 as a PM300 active product. Values not published in the cited Siemens source are intentionally not inferred.

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 and technical data for 6GK1571-0BA00-0AA0:

<https://mall.industry.siemens.com/mall/en/oeii/Catalog/Product?SiepCountryCode=OE&mlfb=6GK1571-0BA00-0AA0>

Apter Power product page

<https://www.apterpower.com/Siemens/6gk1571-0ba00-0aa0>

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.