

APTER POWER PRODUCT MANUAL

6DD1683-0BE0

Legacy SIMADYN D Rack Power Supply, Exact SP Revision Verification Required

The Siemens 6DD1683-0BE0 is a legacy SIMADYN D power-supply article number associated with rack power service. The public Siemens SR24 documentation reviewed identifies the SP9 supply type for SR24.2 but does not explicitly map that type to this full article number.

Before use, its exact SP designation, 24 V DC input, output-rail capacity, battery arrangement, and rack compatibility must be confirmed from the physical label and the matching Siemens power-supply document.

Manufacturer	Siemens
Prepared by	Apter Power
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APTER POWER SALES TEAM

INDUSTRIAL AUTOMATION PRODUCT SUPPORT

Verify the Supply Plate Before It Powers the Backplane.

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SCAN FOR PRODUCT & QUOTE
6DD1683-0BE0

1. Product Overview and Identity

The Siemens 6DD1683-0BE0 is a legacy SIMADYN D power-supply article number associated with rack power service. The public Siemens SR24 documentation reviewed identifies the SP9 supply type for SR24.2 but does not explicitly map that type to this full article number.

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Model Configuration

Field	Verified information
Complete model	6DD1683-0BE0
Manufacturer	Siemens
Product description	Legacy SIMADYN D Rack Power Supply, Exact SP Revision Verification Required

Key Features

- Exact 6DD1683-0BE0 identity retained
- Manufacturer-source data separated from unconfirmed values
- Siemens
- System context: SIMADYN D
- 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	SIMADYN D rack power
Exact article	6DD1683-0BE0
Likely rack relationship	Do not assume; verify against the installed SR24 subrack
Input and output ratings	Use the exact power-supply nameplate
Battery and reset features	Verify against the matching Siemens supply revision

Verification Note

Use the complete 6DD1683-0BE0 identity. 6DD1683-0BE0 is legacy SIMADYN D hardware. No exact current public Siemens lifecycle statement was located. Values not published in the cited Siemens source are intentionally not inferred.

3. Functions, Applications and Components

Core Functions

- Before use, its exact SP designation, 24 V DC input, output-rail capacity, battery arrangement, and rack compatibility must be confirmed from the physical label and the matching Siemens power-supply document.
- Maintains the documented SIMADYN D system role for this exact identity.
- Provides an exact reference for engineering, maintenance, and quotation review.

Application Areas

Application	System role
Legacy rack power service	Qualify the exact supply before replacement.
SIMADYN D cabinet restoration	Preserve backplane rail and battery behavior.
Spare-part audit	Separate full article identity from the generic SP9 rack description.

Compatible Components

- Only the SIMADYN D subrack named on the exact Siemens documentation
- Module population within verified rail-current limits
- Supply, PE, battery, relay, and reset wiring matched to the actual unit

Lifecycle Status

6DD1683-0BE0 is legacy SIMADYN D hardware. No exact current public Siemens lifecycle statement was located.

4. Installation Precautions

- Do not energize from the family code alone
- Photograph the entire power-supply nameplate
- Verify rack type and rail loading
- Preserve battery-backed data according to the Siemens procedure
- Connect protective earth before commissioning

STOP - Verify before installation

Use the complete 6DD1683-0BE0 identity. 6DD1683-0BE0 is legacy SIMADYN D hardware. No exact current public Siemens lifecycle statement was located. 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 SIMADYN D Hardware Manual, SR24 rack power-supply sections, plus physical 6DD1683-0BE0 nameplate verification.

Apter Power product page

<https://www.apterpower.com/Siemens/6DD1683-0BE0>

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.