

# 6EW1810-3AA

## Power Supply

Siemens 6EW1810-3AA is a SIMADYN D SP6 power-supply unit with a 22 to 30 V DC input. It provides the documented +5 V and +/-15 V outputs for the approved rack configuration.

| BRAND  | Siemens                    | DOCUMENT | TECHNICAL REFERENCE                                                |
|--------|----------------------------|----------|--------------------------------------------------------------------|
| MODEL  | 6EW1810-3AA                | PRODUCT  | Power Supply                                                       |
| FAMILY | SIMADYN D SP6 Power Supply | SOURCE   | Siemens SiePortal exact product record; SIMADYN D SP6 power supply |

### MANUFACTURER SOURCE RECORD

Siemens 6EW1810-3AA Product Details  
Siemens SiePortal exact product record; SIMADYN D SP6 power supply

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6EW1810-3AA

# Product Overview

## SYSTEM FUNCTION

Siemens 6EW1810-3AA is a SIMADYN D SP6 power-supply unit with a 22 to 30 V DC input. It provides the documented +5 V and +/-15 V outputs for the approved rack configuration.

## FUNCTION 1

22-30 V DC input

## FUNCTION 2

+5 V high-current output

## FUNCTION 3

+/-15 V auxiliary outputs

## FUNCTION 4

SIMADYN D rack supply

## TECHNICAL NOTE Related Products on Apter Power

Use only the complete Siemens 6EW1810-3AA identity and the current manufacturer documentation. Confirm installed hardware, wiring, firmware or parameter

| MODEL                                         | APTER POWER PAGE                                                   |
|-----------------------------------------------|--------------------------------------------------------------------|
| Siemens 6AV2124-0QC02-0AX0                    | <a href="#">View Siemens 6AV2124-0QC02-0AX0</a>                    |
| Siemens 6AV2124-0QC02-0AX1                    | <a href="#">View Siemens 6AV2124-0QC02-0AX1</a>                    |
| Siemens 6AV2124-0UC24-1AX0-6AV7424-7GA03-0AS0 | <a href="#">View Siemens 6AV2124-0UC24-1AX0-6AV7424-7GA03-0AS0</a> |
| Siemens 6AV2124-1MC01-0AX0                    | <a href="#">View Siemens 6AV2124-1MC01-0AX0</a>                    |

# Technical Data and Acceptance

| PARAMETER         | VERIFIED VALUE       |
|-------------------|----------------------|
| Complete model    | 6EW1810-3AA          |
| Power-supply type | SIMADYN D SP6        |
| Input voltage     | 22 to 30 V DC        |
| Output 1          | +5 V / 22 A          |
| Output 2          | +15 V / 1.6 A        |
| Output 3          | -15 V / 1.2 A        |
| Product status    | Discontinued product |

## ENGINEERING BOUNDARY

Use only the complete Siemens 6EW1810-3AA identity and the current manufacturer documentation. Confirm installed hardware, wiring, firmware or parameter compatibility and the approved maintenance record before replacement or release.

## Acceptance Path

### 1 IDENTITY

Siemens 6EW1810-3AA is recorded without abbreviation.

### 2 INTERFACE

Connectors, terminals and companion hardware match the approved record.

### 3 CONFIGURATION

Electrical, firmware and parameter values are verified.

### 4 OPERATION

Diagnostics and the controlled functional test are acceptable.

# Applications and Engineering FAQ

| APPLICATION            | ENGINEERING CONTEXT                                 |
|------------------------|-----------------------------------------------------|
| SIMADYN D rack power   | Supplies the documented rack voltage rails.         |
| Legacy process control | Maintains an installed SIMADYN D system.            |
| Controlled retrofit    | Supports exact approved replacement work.           |
| Maintenance testing    | Allows verification of each documented output rail. |

## Model-Specific FAQ - Part 1

| QUESTION                                   | ANSWER                                                                                                                                                                        |
|--------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| What is Siemens 6EW1810-3AA?               | Siemens 6EW1810-3AA is a SIMADYN D SP6 power-supply unit with a 22 to 30 V DC input. It provides the documented +5 V and +/-15 V outputs for the approved rack configuration. |
| Which product family includes 6EW1810-3AA? | The official manufacturer record identifies it within the SIMADYN D SP6 Power Supply family.                                                                                  |
| Which exact identity must be retained?     | Record the complete Siemens 6EW1810-3AA marking; do not shorten or replace the suffix.                                                                                        |
| Which key technical value is documented?   | Power-supply type: SIMADYN D SP6.                                                                                                                                             |

## Related Products on Apter Power

| MODEL                      | APTER POWER PAGE                                |
|----------------------------|-------------------------------------------------|
| Siemens 6AV3617-1JC20-0AX1 | <a href="#">View Siemens 6AV3617-1JC20-0AX1</a> |
| Siemens 6AV3627-1LK00-1AX0 | <a href="#">View Siemens 6AV3627-1LK00-1AX0</a> |
| Siemens 6AV6542-0AG10-0AX0 | <a href="#">View Siemens 6AV6542-0AG10-0AX0</a> |
| Siemens 6AV6545-0DB10-0AX0 | <a href="#">View Siemens 6AV6545-0DB10-0AX0</a> |
| Siemens 6AV6640-0BA11-0AX0 | <a href="#">View Siemens 6AV6640-0BA11-0AX0</a> |

# FAQ, Related Products and Source

| QUESTION                                 | ANSWER                                                                                                                                |
|------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| What must be checked before removal?     | Record the slot, connectors, terminals, companion hardware and configured function from the installed system.                         |
| Can a nearby model be substituted?       | No. A different suffix or family member requires documented electrical, mechanical, firmware and interface approval.                  |
| What installation controls are required? | Use the current manufacturer procedure, approved maintenance state, ESD controls and the documented wiring and grounding arrangement. |
| What confirms successful commissioning?  | Identity and connections match the record, diagnostics pass and the controlled functional test has no unexplained fault.              |

## MANUFACTURER SOURCE RECORD

Siemens 6EW1810-3AA Product Details  
Siemens SiePortal exact product record; SIMADYN D SP6 power supply

## Related Products on Apter Power

| MODEL                                                                                                                                                                                                                                                                                                  | APTER POWER PAGE                                |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|
| Siemens 6AV6640-0CA11-0AX1                                                                                                                                                                                                                                                                             | <a href="#">View Siemens 6AV6640-0CA11-0AX1</a> |
| Siemens 6AV6642-0EA01-3AX0                                                                                                                                                                                                                                                                             | <a href="#">View Siemens 6AV6642-0EA01-3AX0</a> |
| Siemens 6AV6643-0CD01-1AX1                                                                                                                                                                                                                                                                             | <a href="#">View Siemens 6AV6643-0CD01-1AX1</a> |
| Siemens 6AV6644-0AB01-2AX0                                                                                                                                                                                                                                                                             | <a href="#">View Siemens 6AV6644-0AB01-2AX0</a> |
| Siemens 6AV6647-0AG11-3AX0                                                                                                                                                                                                                                                                             | <a href="#">View Siemens 6AV6647-0AG11-3AX0</a> |
| Siemens 6AV6647-0AH11-3AX0                                                                                                                                                                                                                                                                             | <a href="#">View Siemens 6AV6647-0AH11-3AX0</a> |
| Siemens 6AV6648-0EC11-3AX0                                                                                                                                                                                                                                                                             | <a href="#">View Siemens 6AV6648-0EC11-3AX0</a> |
| Siemens 6DP1280-8AA                                                                                                                                                                                                                                                                                    | <a href="#">View Siemens 6DP1280-8AA</a>        |
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