

INDUSTRIAL AUTOMATION PRODUCT

# 6EW1860-3AA

## Voltage Regulator

Siemens 6EW1860-3AA is a 5 V / 60 A voltage-regulator module for a documented legacy Siemens electronics system. Verify the exact rack and load arrangement before replacement.

| IDENTITY       | VERIFIED VALUE                      |
|----------------|-------------------------------------|
| Manufacturer   | Siemens                             |
| Complete model | 6EW1860-3AA                         |
| Product role   | Voltage Regulator                   |
| System family  | Siemens 5 V / 60 A Regulator Module |

### DOCUMENT SCOPE

Exact identity, manufacturer-supported technical data, installation checks, applications, precautions and controlled verification records.

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6EW1860-3AA

# Technical Specifications

| PARAMETER      | VERIFIED VALUE           |
|----------------|--------------------------|
| Complete model | 6EW1860-3AA              |
| Module type    | Voltage regulator module |
| Output voltage | +5 V                     |
| Output current | 60 A                     |
| Product status | Discontinued product     |

## Model-Specific Engineering Note

### ENGINEERING BOUNDARY

Use only the complete Siemens 6EW1860-3AA identity and the current manufacturer documentation. Confirm installed hardware, wiring, firmware or parameter compatibility and the approved maintenance record before replacement or release.

## Pre-Installation Checks

| NO. | REQUIRED CHECK                                                                            |
|-----|-------------------------------------------------------------------------------------------|
| 1   | Verify the complete Siemens 6EW1860-3AA marking before work.                              |
| 2   | Review the current Siemens source documentation and the installed-system record.          |
| 3   | Record the slot, connector, terminal and companion-hardware arrangement before removal.   |
| 4   | Place the controller, drive or machine in the approved maintenance state before handling. |
| 5   | Use ESD controls and protect keyed connectors, terminals and circuit-board components.    |

## Related Products on Apter Power

| MODEL                | APTER POWER PAGE                          |
|----------------------|-------------------------------------------|
| Siemens 6DD1600-0AK0 | <a href="#">View Siemens 6DD1600-0AK0</a> |
| Siemens 6DD1600-0BA1 | <a href="#">View Siemens 6DD1600-0BA1</a> |
| Siemens 6DD1601-0AH0 | <a href="#">View Siemens 6DD1601-0AH0</a> |
| Siemens 6DD1606-1AA0 | <a href="#">View Siemens 6DD1606-1AA0</a> |
| Siemens 6DD1640-0AH0 | <a href="#">View Siemens 6DD1640-0AH0</a> |

# System Role and Architecture

Siemens 6EW1860-3AA is a 5 V / 60 A voltage-regulator module for a documented legacy Siemens electronics system. Verify the exact rack and load arrangement before replacement.

**FUNCTION 1**  
5 V regulation

**FUNCTION 2**  
60 A output capability

**FUNCTION 3**  
Legacy rack integration

**FUNCTION 4**  
Controlled spare replacement

## Common Applications

| APPLICATION             | ENGINEERING CONTEXT                                 |
|-------------------------|-----------------------------------------------------|
| Control-rack power      | Provides the documented 5 V rail.                   |
| Legacy CNC electronics  | Supports the approved installed electronics system. |
| Maintenance replacement | Restores an exact documented regulator position.    |
| Power verification      | Allows controlled voltage and load checks.          |

## Related Products on Apter Power

| MODEL                       | APTER POWER PAGE                                 |
|-----------------------------|--------------------------------------------------|
| Siemens 6DD1641-0AC0-416016 | <a href="#">View Siemens 6DD1641-0AC0-416016</a> |
| Siemens 6DD1660-0AE0        | <a href="#">View Siemens 6DD1660-0AE0</a>        |
| Siemens 6DD1681-0AH2        | <a href="#">View Siemens 6DD1681-0AH2</a>        |

**CONTROLLED ACCEPTANCE DUTY**  
Confirm identity, physical interface, companion hardware, configured values and functional response against the installed-system record before release.

# Engineering Precautions

| NO. | PRECAUTION                                                                                  |
|-----|---------------------------------------------------------------------------------------------|
| 1   | Verify the complete Siemens 6EW1860-3AA marking before work.                                |
| 2   | Review the current Siemens source documentation and the installed-system record.            |
| 3   | Record the slot, connector, terminal and companion-hardware arrangement before removal.     |
| 4   | Place the controller, drive or machine in the approved maintenance state before handling.   |
| 5   | Use ESD controls and protect keyed connectors, terminals and circuit-board components.      |
| 6   | Confirm the documented electrical and interface values for 6EW1860-3AA before energization. |
| 7   | Restore wiring, shielding, grounding and mechanical retention exactly as documented.        |
| 8   | Run model-specific diagnostics and a controlled functional test before production release.  |

## Model-Specific FAQ - Part 1

| QUESTION                                   | ANSWER                                                                                                                                                                          |
|--------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| What is Siemens 6EW1860-3AA?               | Siemens 6EW1860-3AA is a 5 V / 60 A voltage-regulator module for a documented legacy Siemens electronics system. Verify the exact rack and load arrangement before replacement. |
| Which product family includes 6EW1860-3AA? | The official manufacturer record identifies it within the Siemens 5 V / 60 A Regulator Module family.                                                                           |
| Which exact identity must be retained?     | Record the complete Siemens 6EW1860-3AA marking; do not shorten or replace the suffix.                                                                                          |
| Which key technical value is documented?   | Module type: Voltage regulator module.                                                                                                                                          |

## Related Products on Apter Power

| MODEL                | APTER POWER PAGE                          |
|----------------------|-------------------------------------------|
| Siemens 6DD1682-0CH0 | <a href="#">View Siemens 6DD1682-0CH0</a> |
| Siemens 6DD1683-0BE0 | <a href="#">View Siemens 6DD1683-0BE0</a> |
| Siemens 6DD1683-0CH0 | <a href="#">View Siemens 6DD1683-0CH0</a> |
| Siemens 6DD1842-0AA1 | <a href="#">View Siemens 6DD1842-0AA1</a> |
| Siemens 6DD2920-0AN1 | <a href="#">View Siemens 6DD2920-0AN1</a> |

## Model-Specific FAQ - Part 2

| 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.              |

### Related Products on Apter Power

| MODEL                              | APTER POWER PAGE                                     |
|------------------------------------|------------------------------------------------------|
| Siemens 6DD7060-1AA06              | <a href="#">View Siemens 6DD7060-1AA06</a>           |
| Siemens 15499-146-8                | <a href="#">View Siemens 15499-146-8</a>             |
| Siemens 16267-1-2                  | <a href="#">View Siemens 16267-1-2</a>               |
| Siemens<br>39ACM24BAN-16139-76-09  | <a href="#">View Siemens 39ACM24BAN-16139-76-09</a>  |
| Siemens<br>39ACM24BEN-16139-215-1  | <a href="#">View Siemens 39ACM24BEN-16139-215-1</a>  |
| Siemens<br>39EAMCBN-16154-93-3     | <a href="#">View Siemens 39EAMCBN-16154-93-3</a>     |
| Siemens<br>39EAMCBN-A5E00282025-05 | <a href="#">View Siemens 39EAMCBN-A5E00282025-05</a> |
| Siemens<br>39MBXNAN-16180-1-14     | <a href="#">View Siemens 39MBXNAN-16180-1-14</a>     |
| Siemens<br>39MBXNAN-16180-1-17     | <a href="#">View Siemens 39MBXNAN-16180-1-17</a>     |
| Siemens<br>39RTMCAN-16207-61-10    | <a href="#">View Siemens 39RTMCAN-16207-61-10</a>    |
| Siemens<br>39RTMCAN-16207-61-11    | <a href="#">View Siemens 39RTMCAN-16207-61-11</a>    |

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