

APTER POWER INSTALLATION & VERIFICATION REFERENCE

6DD1600-0BA1

A separate model-specific field checklist

Use this reference to verify the exact Siemens component before installation, substitution, or recommissioning. It intentionally does not repeat unconfirmed values.

Manufacturer	Siemens
Prepared by	Apter Power
Document ID	AP-SIE-02-6DD1600-0BA1-IV-R1
Revision	R1
Issue date	2026-08-14

APTER POWER SALES TEAM

INDUSTRIAL AUTOMATION PRODUCT SUPPORT

Preserve the TDC Program Before the Processor Moves.

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SCAN FOR PRODUCT & QUOTE
6DD1600-0BA1

1. Pre-Installation Verification

Step	Check	Required evidence
1	Identity	Match every character of 6DD1600-0BA1 to the physical label; record revision and serial data.
2	Host system	Confirm rack, slot, CPU/drive/controller, firmware, project, and machine-builder approval.
3	Electrical	Verify supply, signal type, channel limits, grounding, shielding, and connector pinout from the exact Siemens document.
4	Mechanical	Confirm form factor, keying, mounting, clearances, cable routing, and environmental limits.
5	Lifecycle	Siemens documents 6DD1600-0BA1 as superseded by the BA3 CPU551 revision. Compatibility still depends on firmware, software, and the installed TDC configuration.
6	Commissioning	Apply the original test procedure and record results before returning the equipment to service.

Product-Specific Precautions

- Archive the complete D7-SYS project before removal
- Record firmware, memory, and rack position
- De-energize the rack and follow ESD controls
- Verify successor compatibility instead of assuming a drop-in exchange
- Commission I/O and synchronized functions in a controlled sequence

2. Commissioning Record

Record item	Site entry
Physical model / MLFB	
Serial or revision	
Host system / machine	
Rack / slot / location	
Firmware / project backup	
Connector and wiring verified	
Functional test result	
Technician / date	

Source Basis

Siemens SIMATIC TDC Hardware System Manual and D7-SYS documentation covering CPU551 article revisions 6DD1600-0BA1/-0BA2/-0BA3.

Important Notice

This Apter Power checklist is not a Siemens installation instruction. The current Siemens documentation, the physical nameplate, the host-equipment manual, and applicable safety rules control all work.

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