General Electric DS200UPSAG1AFD

Complete product information

General Electric DS200UPSAG1AFD is a uc2000 power supply board for the GE UC2000 / EX2000 power subsystem. It provides the documented power-supply and protective interface for compatible UC2000 or EX2000 hardware.

Complete reference	DS200UPSAG1AFD
Product type	UC2000 Power Supply Board
Platform	GE UC2000 / EX2000 power subsystem
Technical basis	GE Mark V control-system hardware documentation and exact-board identification records

Product page
https://www.apterpower.com/General-Electric/Gas-Turbine-Control/ds200upsag1afd

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01 Product identity and technical profile

Board acronym	UPSA
Functional class	Power supply board
Product context	UC2000 / EX2000
Protective devices	3 fuses
Status indication	1 LED
Board control	Reset button
Nine-pin connectors	3
Service points	On-board test points

Engineering purpose

General Electric DS200UPSAG1AFD must be selected as a complete installed reference. Its function depends on the documented platform connection, companion hardware and approved configuration rather than physical fit alone.

02 Product characteristics

Controlled power path	Supports the documented supply and protection arrangement.
Protection visibility	Provides identifiable protective and status elements for controlled troubleshooting.
System continuity	Restores the approved power architecture without redefining the load boundary.

03 Engineering overview

The complete DS200UPSAG1AFD marking establishes the offered identity. Record all labels, connector positions and installed associations before removal because adjacent GE UC2000 / EX2000 power subsystem references may differ in wiring, option content or revision compatibility.

Use the verified technical rows below to screen the offer, then compare the installed drawing and manufacturer instructions. Board acronym: UPSA; Functional class: Power supply board; Product context: UC2000 / EX2000. These values do not authorize transferring specifications from a neighboring model.

During replacement, preserve the approved configuration and connection map. Perform a controlled visual, electrical and functional check, record the as-left result, and release the equipment only after the responsible site authority accepts the restored uc2000

power supply board.

Application map

Control-system power support	Use DS200UPSAG1AFD only in the compatible GE UC2000 / EX2000 power subsystem arrangement identified by the approved system documentation.
Redundant or protected supply service	Preserve the installed identity, connector orientation and configuration while restoring the documented function.
Measured power verification	Use recorded as-found values and approved tests to distinguish connection, companion-hardware and product faults.
Commissioning support	Keep the complete DS200UPSAG1AFD reference and acceptance evidence with the asset record for future service.

04 Installation and product precautions

Confirm the complete marking	Do not shorten DS200UPSAG1AFD or transfer data from an adjacent reference.
Record every connection	Photograph connector orientation and label each cable or terminal before removal.
Preserve the configuration	Retain the approved GE UC2000 / EX2000 power subsystem database, jumpers, switches or channel assignment as applicable.
Apply controlled isolation	Follow the site energy-isolation and ESD procedure before disturbing hardware.
Verify companion hardware	Check the documented base, cable, terminal, power and partner-module relationship.
Prove the restored function	Complete visual, electrical and functional checks before return to automatic service.

05 Lifecycle and available-unit details

DS200UPSAG1AFD belongs to a legacy GE control-hardware family. Treat the complete group and revision as installation-controlled; current supply is replacement-market support rather than new-platform production.

Retain the exact installed uc2000 power supply board, connection map and configuration record. Evaluate a substitute only against the approved GE UC2000 / EX2000 power subsystem documentation.

Offered identity	Complete DS200UPSAG1AFD marking, revision or option code, connector condition and installed configuration
Included items	the identified uc2000 power supply board only; cables, terminals, bases and companion hardware only when itemized
Supply confirmation	Quantity and dispatch timing are confirmed in the quotation.

06 Technical notes

Evidence boundary	Technical rows apply to DS200UPSAG1AFD or its explicitly identified manufacturer family context.
Compatibility	Physical fit does not establish electrical, firmware or system compatibility.
Commissioning	Use approved General Electric instructions and site procedures for final installation and release.

07 Product-specific FAQ

Which input and output values must be confirmed for DS200UPSAG1AFD?	Verify the nameplate input selection, frequency and documented DC output before connection; do not infer ratings from a similar supply.
How should the protective devices on DS200UPSAG1AFD be handled?	Use only the documented fuse or protective-device type and rating, and investigate the cause before replacement or reset.
Why is load margin important when commissioning DS200UPSAG1AFD?	The complete connected load, startup demand and redundancy arrangement must stay within the documented supply capability.

How should grounding be checked for DS200UPSAG1AFD?	Confirm protective earth, signal-reference arrangement and enclosure bonding against the approved system drawing before energization.
What should be recorded before removing DS200UPSAG1AFD?	Record terminal assignments, input selector position, connector orientation, status indications and measured input/output values.
Can DS200UPSAG1AFD be energized without its normal load?	Only when the manufacturer procedure and site method permit it; use a controlled test arrangement and observe output stability.
How should redundant operation involving DS200UPSAG1AFD be proven?	Test each supply path and transfer behavior under the approved maintenance condition without defeating required protection.
What as-left evidence is required for DS200UPSAG1AFD?	Retain input/output measurements, load current, protective-device status, alarm state and the responsible approval reference.

08 Recommended brand and model references

General Electric DS200SLCCG1AFG	LAN Communication Card
General Electric DS200UPSAG1AGD	UC2000 Power Supply Board
General Electric DS6800CCID1D1D	Industrial Control Printed Circuit Board
General Electric DS200TCEAG1BTF	Emergency Overspeed Board
General Electric DS200CPCAG1ABB	Contactor Pilot Board

Commissioning record

Installed asset	Machine, cabinet, channel or station reference
Companion identities	Base, terminal, cable, module or controller marking
Configuration baseline	Database revision, settings, jumpers or option record
Before-work evidence	Photographs, diagnostics and measured values
As-left result	Functional proof and accepted deviations
Release	Technician, reviewer and approval date

As-left verification worksheet

Exact delivered marking	DS200UPSAG1AFD plus any visible revision or option label
Installed asset reference	Cabinet, rack, slot, station, loop or machine designation
Connector relationship	Connector identity, keying, cable destination and strain relief
Companion hardware	Base, terminal, cable, supply, partner module or controller identity
Configuration state	Approved database revision, switches, jumpers or programmed-device identity
Static checks	Continuity, supply, resistance or insulation test as applicable
Functional checks	Status, channel value, communication or controlled operating response
Deviation record	Documented difference, disposition and responsible approval