General Electric DS200UPSAG1AFD

Installation and verification guide

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

WhatsApp / technical contact
sales13@apterpower.com | +86 18030235313

01 Installed-hardware capture

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.

Buyer reference	Send the complete DS200UPSAG1AFD marking, revision or option label, connector photographs and installed application details.
Offer comparison	Compare the offered DS200UPSAG1AFD with the installed uc2000 power supply board, termination hardware and approved General Electric documentation before ordering.

02 Configuration and connector controls

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.

03 Controlled functional verification

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.

01	Send the full DS200UPSAG1AFD reference, label photographs and required quantity.
02	Apply site-approved isolation and ESD controls.
03	Record connectors, terminals and configuration before removal.
04	Compare the offered hardware with the complete installed reference.
05	Install without forcing connectors or changing approved routing.

06	Restore configuration and perform controlled checks.
07	Review revision, condition, included items and connection compatibility for DS200UPSAG1AFD.
08	Confirm quantity, dispatch date and delivery details for DS200UPSAG1AFD in the quotation.

04 Product-specific engineering questions

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.

05 Handover evidence

Identity	Complete marking, revision and photographs
Connection	Terminal or connector map and cable destinations
Configuration	Approved database, settings or option record
Functional proof	As-found and as-left readings or diagnostic results
Acceptance	Responsible technician and release approval

06 Related service 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