

WESTINGHOUSE 3A99220G01

Power Supply Card

WESTINGHOUSE 3A99220G01 is a power supply card identified by the 2MEPS3 board designation for legacy Westinghouse WDPF control-system service.

01	02	03	04
Power supply circuit card	WDPF control-system context	2MEPS3 board designation	Exact part identity 3A99220G01

System position

Cabinet power source	Installed power-distribution path	3A99220G01 power card	WDPF control assembly
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Verified technical matrix

Product class	Power supply card
Control platform	WDPF DCS
Board designation	2MEPS3

Hardware form	Printed circuit card
Part number	3A99220G01

Interface architecture

Power boundary	Card boundary	System boundary	Record boundary
Installed cabinet power-distribution path	Board connectors, guides, retention hardware and slot orientation	Legacy WDPF control-system assembly	Exact part number, 2MEPS3 identity and site-approved electrical test results

Controlled engineering use

WDPF cabinet service Maintains the documented power-card position in a legacy WDPF control cabinet.	Exact-board replacement Supports controlled replacement where the installed board is identified as 3A99220G01 and 2MEPS3.	Power-path troubleshooting Provides a defined card boundary for cabinet power and connector-condition checks.	Legacy spare verification Allows receiving inspection against the complete part number, board designation and physical connector pattern.
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INSTALLATION DECISION POINTS

1 De-energize the affected power section and prove the absence of hazardous voltage before handling WESTINGHOUSE 3A99220G01.	2 Confirm both the complete 3A99220G01 part number and the 2MEPS3 board designation before replacement.	3 Record the original slot, card orientation, connected plugs and retention arrangement before removal.	4 Do not infer electrical ratings from a visually similar Westinghouse power card or an incomplete board number.
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FAQ decision matrix

Engineering decision	Controlled response
What is WESTINGHOUSE 3A99220G01?	It is a power supply circuit card identified for legacy Westinghouse WDPF control-system hardware.
Which board designation is associated with WESTINGHOUSE 3A99220G01?	The exact-model records identify the board designation as 2MEPS3.
What must match before replacing WESTINGHOUSE 3A99220G01?	Match the full part number, 2MEPS3 marking, connector pattern, slot position and controlled site records.
What should be recorded before removing WESTINGHOUSE 3A99220G01?	Record the slot, orientation, connector labels, retention hardware and the affected cabinet power path.

Evidence and handover record

Evidence applicability

Evidence record	Applicable scope
Corroborated exact-model catalog records: 3A99220G01 power supply card	Supports only the exact-model or explicitly applicable family facts used in this document.
Corroborated exact-model catalog records: WDPF 2MEPS3 board designation	Supports only the exact-model or explicitly applicable family facts used in this document.

Engineering handover

Identity	Installed state	Test boundary	Compatibility
Retain WESTINGHOUSE 3A99220G01 in purchasing, drawings and labels.	Archive position, connector, grounding and as-left evidence.	Use the approved site procedure and documented test points.	Verify the exact board or panel identity before substitution.

Release precautions

5 Inspect edge connectors, plug contacts, board guides and retention hardware for damage or contamination.	6 Restore the documented cabinet grounding, cable routing and connector seating before applying power.	7 Use the site-approved test points and controlled electrical procedure for pre-energization and live checks.	8 Release the card only after cabinet power indications and the dependent WDPF hardware operate within the approved acceptance plan.
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Remaining engineering questions

Engineering decision	Controlled response
How should WESTINGHOUSE 3A99220G01 be inspected before installation?	Inspect the board, edge connectors, plug contacts, guides and retention points for damage or contamination.
Can ratings from another WDPF power card be used for WESTINGHOUSE 3A99220G01?	No. Electrical ratings must come from the installed-unit nameplate or the site-controlled documentation for this exact board.
Which test approach is appropriate for WESTINGHOUSE 3A99220G01?	Use the plant-approved isolation, pre-energization and live-test procedure at the documented cabinet test points.
What is required before returning WESTINGHOUSE 3A99220G01 to service?	Confirm connector seating, grounding and cable routing, then verify cabinet power indications and dependent WDPF hardware under the approved acceptance plan.

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