Yokogawa DP97-B

Display Processor Card

01 / SCOPE, BASELINE AND WORK-CONTROL GATE

This guide restores the documented DP97-B position without changing its approved host, assignment, connections or operating purpose.

Capture exact identity → **Control installed energy and process state** → **Restore diagnostics and function**

Exact tag

Record DP97-B and every visible revision or assembly label.

Installed context

Capture host, slot, partner and connected hardware before disturbance.

Baseline evidence

Save configuration, status indications and active diagnostics.

Release boundary

Use only permitted checks under the approved site procedure.

Work identity	DP97-B
Function	Display Processor Card
Origin requested	Japan
Evidence rule	No adjacent-model parameter borrowing

Yokogawa DP97-B

Display Processor Card

Preparation 1

Record the complete DP97-B marking, host station, board position and all revision labels.

Preparation 2

Back up the station configuration and capture the normal display and diagnostic state before work.

Preparation 3

Place the operator station and affected process functions in the approved maintenance condition.

Preparation 4

Label connectors and photograph cable orientation before removing the board.

Card function	Display processing
Hardware class	Legacy processor PC board
Host evidence	Must be recorded from installed station
Board position	Record before removal
Revision evidence	Capture every board and assembly label
Connector evidence	Photograph and label before disconnecting
Display evidence	Record normal pre-work presentation
Alarm evidence	Capture host diagnostics

Stop conditions

Tag differs	Resolve identity before ordering or installation.
Host is undocumented	Trace the installed architecture and approved manuals.
Connection record is incomplete	Label and photograph every affected interface.
Safe state is not established	Do not proceed with removal.

Yokogawa DP97-B

Display Processor Card

03 / REMOVAL AND EXACT RESTORATION SEQUENCE

Step	Controlled action
1	Record the complete DP97-B marking, host station, board position and all revision labels.
2	Back up the station configuration and capture the normal display and diagnostic state before work.
3	Place the operator station and affected process functions in the approved maintenance condition.
4	Label connectors and photograph cable orientation before removing the board.
5	Use grounded electrostatic-discharge protection and approved board packaging.
6	Do not state or rely on unverified processor, memory, voltage or video-interface values.
7	After installation, verify startup, stable graphics, operator input and alarm presentation.
8	Retain the as-left board labels, configuration evidence, diagnostics and witnessed result.

Mechanical fit

Seat only in the documented position and verify retention.

Electrical fit

Restore feeder, cable or backplane relationships exactly.

Information fit

Retain configuration, labels, revision and diagnostic evidence.

Environmental fit

Keep contacts clean and use grounded ESD controls.

Yokogawa DP97-B

Display Processor Card

Commissioning question	Required evidence
What function can be confirmed for Yokogawa DP97-B?	The confirmed identity is a legacy Yokogawa display processor card or PC board used in operator-display hardware.
Which host system uses Yokogawa DP97-B?	The exact host must be established from the installed station and associated board or assembly documentation; it is not inferred from the model alone.
Can processor speed or memory be stated for Yokogawa DP97-B?	Not from the available exact evidence. Those values should remain unstated until an exact manufacturer manual or readable board specification is available.
What labels must be recorded on Yokogawa DP97-B?	Record the DP97-B marking, every revision label, associated assembly number, connector identifiers and the host station position.
What must be captured before removing Yokogawa DP97-B?	Capture the normal display, host diagnostics, station configuration, board position, cable routing and complete label set.
Can another DP97 revision replace Yokogawa DP97-B?	Do not assume so. Board revision, host compatibility and associated assembly identity must be verified independently.
What should be tested after installing Yokogawa DP97-B?	Verify host startup, stable display output, required operator functions, alarm behavior and absence of unexplained diagnostics.
Why are detailed ratings limited for Yokogawa DP97-B?	Because only its exact card identity and display-processing role are confirmed; unsupported electrical and performance claims are intentionally omitted.

Acceptance record

Accept only when exact identity, installed position, connections, diagnostics and the permitted functional response match the approved record.

Yokogawa DP97-B

Display Processor Card

05 / HANDOVER AND RETAINED EVIDENCE

Configuration evidence	Retain station setup and software baseline
Replacement boundary	Exact DP97-B marking
Adjacent-board boundary	No parameter borrowing
Electrical ratings	Not assigned without exact source
Compatibility basis	Host and board documentation
ESD handling	Grounded board-control procedure
Commissioning proof	Display startup and operator functions
Release record	As-left labels, diagnostics and witness

Technical reference record

Controlled evidence record

Exact board identity, host evidence and witnessed functional result form the acceptance basis.

Related Apter Power catalog references

Catalog navigation only. These entries do not establish compatibility, substitution or approval of a changed installation.

Yokogawa ADV151-P00 S2 | View Yokogawa ADV151-P00 S2 page

Yokogawa EC401-10 S2 | View Yokogawa EC401-10 S2 page

Yokogawa AFV10D S2 | View Yokogawa AFV10D S2 page

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Send the exact model, quantity and requested condition for a quotation.

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