Yokogawa 0950-3017 PS605-0101

Complete Product Information

Within an installed Yokogawa control rack, 0950-3017 PS605-0101 forms the maintained power-conversion point whose connector keying and electrical nameplate must remain matched to the station.

WHAT THIS PRODUCT DOES

Yokogawa 0950-3017 PS605-0101 is a legacy control-system power-supply assembly identified by the two linked part references.

Product characteristic 1

Provides the power-conversion function for the assigned control hardware.

Product characteristic 2

Uses a paired part identity that must be retained together.

Product characteristic 3

Fits a keyed installed rack position rather than a generic bench supply role.

Product characteristic 4

Requires the installed nameplate and load arrangement to be captured before replacement.

PRODUCT-PAGE TECHNICAL SNAPSHOT

Module function	Control-system power supply
Power path	Rack and control-electronics supply
Hardware form	Plug-in power assembly
Electrical interface	Keyed rack connector
Grounding boundary	Rack protective-earth system
Supply architecture	Installed station power path
Isolation state for service	De-energized module replacement
Service method	Like-for-like installed-system replacement

IMPORTANT NOTICE Preserve the complete 0950-3017 PS605-0101 identity and verify its documented electrical, network or signal response before release.

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Features and technical data

TECHNICAL DATA SHOWN ON THE PRODUCT PAGE

Module function	Control-system power supply
Power path	Rack and control-electronics supply
Hardware form	Plug-in power assembly
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Grounding boundary	Rack protective-earth system
Supply architecture	Installed station power path
Isolation state for service	De-energized module replacement
Service method	Like-for-like installed-system replacement

FEATURE INTERPRETATION

Product identity

Provides the power-conversion function for the assigned control hardware.

System role

Uses a paired part identity that must be retained together.

Service context

Fits a keyed installed rack position rather than a generic bench supply role.

Return-to-service focus

Requires the installed nameplate and load arrangement to be captured before replacement.

SIGNAL OR CONTROL PATH

Field device → **Product interface** → **System channel** → **Verified response**

0950-3017 PS605-0101 should be matched to the documented system position, companion hardware and retained project configuration before the channel or station is returned to control.

PRODUCT-PAGE TECHNICAL QUESTIONS

Why are both references retained in Yokogawa 0950-3017 PS605-0101?	The two markings identify one maintained power-supply assembly and should be recorded together for replacement control.

Common applications

The application groups below reproduce the model-specific uses presented on the product page and connect each use to a practical verification point.

Legacy control-station maintenance

Restores the recorded rack power path during planned service.

Power fault recovery

Replaces a failed assembly after upstream and downstream faults are isolated.

Critical spare planning

Maintains a verified spare for the exact installed hardware execution.

Rack refurbishment

Supports controlled renewal when connectors and electrical ratings are documented.

APPLICATION VERIFICATION MAP

Legacy control-station maintenance	Confirm the documented system position and the required operating function.
Power fault recovery	Compare the restored connection or control path with the approved record.
Critical spare planning	Check the physical interface and the retained configuration before startup.
Rack refurbishment	Record diagnostics and the final controlled response before release.

INFORMATION CARRIED INTO THE WORK RECORD

Identity record

Complete marking and assigned system position.

Connection record

Connector, conductor and interface arrangement as found.

Configuration record

Controlled settings, application data and option state.

Acceptance record

Observed status, response and release decision.

IMPORTANT NOTICE

Use the complete product identifier for every application review; a related product link is not evidence of interchangeability.

APPLICATION QUESTIONS

Which ratings govern a Yokogawa 0950-3017 PS605-0101 replacement?	The complete input, output, frequency and load ratings printed on the installed nameplate govern the replacement.
How should upstream isolation be proved before removing Yokogawa 0950-3017 PS605-0101?	Identify every incoming source, apply the approved lockout procedure and verify absence of voltage at the documented terminals.
What connector inspection is appropriate for Yokogawa 0950-3017 PS605-0101?	Check keying, contact alignment, discoloration and retention without altering the rack connector.

Product precautions and questions

EIGHT MODEL-SPECIFIC PRECAUTIONS

01	Record both 0950-3017 and PS605-0101 from the installed label.
02	Isolate every upstream source before touching the assembly.
03	Document downstream loads and any configured redundant power path.
04	Compare all nameplate input and output ratings before insertion.
05	Inspect connector keying and contact condition without modifying the rack.
06	Restore protective earth and all power conductors to their original positions.
07	Energize with downstream load observation and fault indicators visible.
08	Confirm stable rack power and controller operation before release.

FREQUENTLY ASKED TECHNICAL QUESTIONS

Why are both references retained in Yokogawa 0950-3017 PS605-0101?	The two markings identify one maintained power-supply assembly and should be recorded together for replacement control.
Where does Yokogawa 0950-3017 PS605-0101 sit in the control power path?	It provides rack-level power conversion and distribution for the installed Yokogawa control hardware.
Which ratings govern a Yokogawa 0950-3017 PS605-0101 replacement?	The complete input, output, frequency and load ratings printed on the installed nameplate govern the replacement.
How should upstream isolation be proved before removing Yokogawa 0950-3017 PS605-0101?	Identify every incoming source, apply the approved lockout procedure and verify absence of voltage at the documented terminals.

IMPORTANT NOTICE	Confirm the complete 0950-3017 PS605-0101 marking, assigned system position and mating interfaces before installation.

RELEASE CHECKLIST

Identity accepted	The complete product marking and assigned system position agree.
Interfaces accepted	Connections, retention and controlled configuration match the recorded condition.
Response accepted	Diagnostics and the intended technical response have been documented.

FAQ, configuration control and related models

ADDITIONAL TECHNICAL QUESTIONS

What connector inspection is appropriate for Yokogawa 0950-3017 PS605-0101?	Check keying, contact alignment, discoloration and retention without altering the rack connector.
How is a redundant arrangement checked around Yokogawa 0950-3017 PS605-0101?	Record both supply positions, isolation devices and load-sharing indication before disturbing either path.
Which downstream information should be saved for Yokogawa 0950-3017 PS605-0101?	Save the rack position, connected loads, protective-earth route and the normal power and fault indications.
What proves Yokogawa 0950-3017 PS605-0101 is ready for service?	Stable rack power, normal controller startup, correct fault indication and unchanged downstream operation complete the acceptance check.

CONFIGURATION CONTROL RECORD

Configuration identity	Yokogawa 0950-3017 PS605-0101
Technical boundary	Apply only the functions and interfaces shown for this product or its identified system family.
Selection control	Match the complete ordering string and installed interfaces before purchase or installation.

RELATED MODELS ON APTERPOWER

Yokogawa SDV161-P50 S2	Related product reference. Review the complete ordering string before selection.
Yokogawa ADV859-P00 S1	Related product reference. Compare the required interface and system position.
Yokogawa ADV869-P00 S1	Related product reference. Confirm the execution independently for the intended task.

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