

IC698PSA350

PACSystems RX7i 350 W AC/DC input power supply

GE IC698PSA350 is a PACSystems RX7i 350 W AC/DC input power supply. It provides regulated rack power for the controller and installed I/O assembly.

PRODUCT SNAPSHOT

BRAND

GE

FAMILY

PACSystems RX7i power supplies

PART

IC698PSA350

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PRODUCT OVERVIEW

GE IC698PSA350 is a PACSystems RX7i 350 W AC/DC input power supply. It provides regulated rack power for the controller and installed I/O assembly.

- 1 Feeds the RX7i rack from the selected AC or DC source
- 2 Maintains the regulated DC rails used by the controller and I/O modules
- 3 Reports field, output and over-temperature status through front indicators
- 4 Supports high-capacity rack power planning for distributed control systems

SYSTEM COMPONENTS

PACSystems RX7i rack

RX7i controller and I/O modules

Bottom-mounted fan tray

AC or 125 Vdc field supply

TECHNICAL DATA

PARAMETER	VALUE
Platform	PACSystems RX7i
Supply type	AC/DC input power supply
Rated output power	350 W
AC input	120/240 Vac

PARAMETER	VALUE
DC input	125 Vdc
Output rails	Three DC channels
Cooling	Forced-air fan tray
Status indicators	FIELD OK; OUTPUT OK; OVER TEMP

SYSTEM CONNECTION AND ACCEPTANCE RECORD

RECORD ITEM	DOCUMENTED ASSIGNMENT
Installed host / carrier	PACSystems RX7i rack
Companion hardware	RX7i controller and I/O modules
Field connection	Bottom-mounted fan tray
Primary system function	Feeds the RX7i rack from the selected AC or DC source
Controlled acceptance duty	RX7i high-capacity rack power distribution

TECHNICAL NOTE

Mount IC698PSA350 in the documented RX7i rack position and verify fan-tray airflow, source selection and status LEDs before loading the control project.

APPLICATIONS & PRECAUTIONS

COMMON APPLICATIONS

RX7i high-capacity rack power distribution

Feeds the RX7i rack from the selected AC or DC source

Redundant controller and I/O cabinet power planning

Maintains the regulated DC rails used by the controller and I/O modules

Process-control cabinet refurbishment

Reports field, output and over-temperature status through front indicators

High-I/O-count machine control panels

Supports high-capacity rack power planning for distributed control systems

PRODUCT PRECAUTIONS

- 1 Verify the complete IC698PSA350 suffix and the rack power budget before replacement.
- 2 Isolate the selected AC or DC source and rack energy before removing the supply.
- 3 Confirm the fan tray is installed and its airflow path is unobstructed.
- 4 Check input wiring polarity and protective devices against the approved cabinet drawing.
- 5 Use ESD controls at the rack connector and protect the keyed guides.
- 6 Record FIELD OK, OUTPUT OK and OVER TEMP indications before service.
- 7 Restore rack power only after all module connectors and retaining hardware are seated.
- 8 Run a controlled load and diagnostic check before releasing the rack to production.

ENGINEER FAQ

Q1 Does IC698PSA350 match PACSystems RX7i rack in a RX7i high-capacity rack power distribution installation?

Verify the complete IC698PSA350 marking, the documented PACSystems RX7i power supplies position and the installed PACSystems RX7i rack before fitting the assembly.

Q2 How should IC698PSA350 be wired when it must feeds the rx7i rack from the selected ac or dc source?

Isolate the circuit, identify every terminal and reproduce the approved polarity, shield and channel assignment for IC698PSA350; then continuity-test the affected path.

Q3 Which PACSystems RX7i power supplies records should be captured before removing IC698PSA350?

Record the as-found wiring, installed position, active configuration and diagnostic state associated with IC698PSA350 before disconnection.

Q4 What controlled test confirms that IC698PSA350 can maintains the regulated dc rails used by the controller and i/o modules?

Apply the approved field or simulated stimulus, observe the PACSystems RX7i power supplies indication and confirm the intended response without bypassing the normal interlocks.

Q5 Which RX7i controller and I/O modules condition should be checked when IC698PSA350 reports an abnormal state?

Check the RX7i controller and I/O modules supply, seating and connection first, then compare channel diagnostics with the recorded IC698PSA350 baseline.

Q6 Can IC698PSA350 be moved directly into Redundant controller and I/O cabinet power planning without validating AC or 125 Vdc field supply?

No. Confirm the AC or 125 Vdc field supply, revision, connection scheme and PACSystems RX7i power supplies configuration before transferring IC698PSA350 to that duty.

Q7 What maintenance evidence is required after IC698PSA350 is used for Process-control cabinet refurbishment?

Retain the nameplate record, corrective action, final diagnostics and a controlled process-control cabinet refurbishment functional-test result for IC698PSA350.

Q8 How should IC698PSA350 be returned to service in High-I/O-count machine control panels?

Restore power under control, verify reports field, output and over-temperature status through front indicators, exercise the intended signal path and release IC698PSA350 only after the PACSystems RX7i power supplies remains in its approved operating state.

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