

IC695ACC400

PACSystems RX3i Energy Pack

GE IC695ACC400 is a PACSystems RX3i energy pack for CPE302, CPE305 and CPE310 controllers. During loss of system power, it supports the controller long enough to copy user memory to nonvolatile storage.

BRAND	GE	MODEL	IC695ACC400
PRODUCT	PACSystems RX3i Energy Pack	FAMILY	PACSystems RX3i
OFFICIAL SOURCE	Emerson PACSystems RX3i Battery & Energy Pack User Manual	RECORD	GFK-2741L, IC695ACC400 section

DOCUMENT SCOPE

Official technical evidence, controlled engineering checks, model-specific FAQ and related product navigation.

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Product Overview and Applications

SYSTEM FUNCTION

GE IC695ACC400 is a PACSystems RX3i energy pack for CPE302, CPE305 and CPE310 controllers. During loss of system power, it supports the controller long enough to copy user memory to nonvolatile storage.

FUNCTION 1

Supports controlled user-memory retention during power loss

FUNCTION 2

Designed for the documented RX3i CPE302, CPE305 and CPE310 controllers

FUNCTION 3

Reports charging, charged, fault and low-capacitance status

FUNCTION 4

Requires the exact controller and Energy Pack compatibility match

APPLICATION	ENGINEERING CONTEXT
RX3i memory retention	Keeps the supported controller powered while user memory is written to nonvolatile storage.
Controller replacement	Preserves the approved Energy Pack arrangement when a compatible CPU is serviced.
Power-loss recovery	Supports the documented shutdown sequence for the compatible RX3i CPU.
Preventive maintenance	Uses status indications to identify charging, fault and capacitor-life conditions.

Technical Data and Acceptance

PARAMETER	VERIFIED VALUE
Product family	PACSystems RX3i
Device type	Energy Pack
Compatible controllers	IC695CPE302, IC695CPE305 and IC695CPE310-Bxxx
Memory action	Supports transfer of user memory to nonvolatile storage during power loss
Controller interface	Energy Pack connection to the supported CPU
Status indications	Charging, Fault, Low capacitance and Charged
Configuration	No user logic function; compatibility is determined by controller model and revision

Acceptance Path

1 IDENTITY

The complete IC695ACC400 marking and revision agree with the engineering record.

2 COMPATIBILITY

System position, companion hardware and interfaces match the manufacturer documentation.

3 CONFIGURATION

Saved values, channel mappings and protection limits are restored without unexplained change.

4 FUNCTIONAL PROOF

Diagnostics and the model-specific controlled test pass without unexplained fault.

Precautions and Model-Specific FAQ

NO.	PRECAUTION	QUESTION	ANSWER
1	Verify the complete IC695ACC400 marking before installation.	What is GE IC695ACC400?	It is the PACSystems RX3i Energy Pack used with documented CPE302, CPE305 and CPE310 controllers.
2	Use IC695ACC400 only with the documented CPE302, CPE305 or CPE310 controller revision.		
3	Remove system power and follow the current RX3i service procedure before handling the Energy Pack.	What does GE IC695ACC400 protect during a power loss?	It powers the compatible controller long enough to write user memory to nonvolatile storage.
4	Inspect the Energy Pack cable and connectors before reconnection.	Which controllers are documented for GE IC695ACC400?	The official RX3i references identify CPE302, CPE305 and CPE310-Bxxx applications.
5	Do not substitute ACC402 or ACC403 for IC695ACC400 without checking controller compatibility.		
6	Allow the Energy Pack to reach the documented charged state before relying on memory retention.	Which GE IC695ACC400 indications must be checked?	Charging, Charged, Fault and Low capacitance indications must agree with the maintenance state.
7	Check charging, fault, low-capacitance and charged status indications after startup.		
8	Confirm a controlled power-loss memory-retention test before production release.		

Related Products on Apter Power

MODEL	APTER POWER PAGE
General Electric IC693ALG391	View General Electric IC693ALG391
General Electric IC693ALG391G	View General Electric IC693ALG391G
General Electric IC693CMM321-KM	View General Electric IC693CMM321-KM
General Electric IC693MDL742	View General Electric IC693MDL742
General Electric IC694ALG221A	View General Electric IC694ALG221A
General Electric IC694MDL645A	View General Electric IC694MDL645A

FAQ, Related Products and Sources

QUESTION	ANSWER
Can GE IC695ACC400 be replaced by ACC402 or ACC403 without review?	No. Those Energy Packs have different controller compatibility and must not be substituted without the manufacturer compatibility record.
What should be inspected before reconnecting GE IC695ACC400?	Verify the complete part number, supported CPU, cable, connectors and saved controller configuration.
What confirms successful commissioning of GE IC695ACC400?	A charged status, no Energy Pack fault and a controlled power-loss memory-retention test confirm the installation.

MANUFACTURER SOURCE RECORDS

Emerson PACSystems RX3i Battery & Energy Pack User Manual - GFK-2741L, IC695ACC400 section
Emerson PACSystems RX3i CPU Reference Manual - GFK-2222AU, memory backup compatibility table

Related Products on Apter Power

MODEL	APTER POWER PAGE
General Electric IC694MDL645D	View General Electric IC694MDL645D
General Electric IC694PWR321	View General Electric IC694PWR321
General Electric IC695NIU001-ADAD	View General Electric IC695NIU001-ADAD
General Electric HE693ADC415	View General Electric HE693ADC415
General Electric HE693SNP900	View General Electric HE693SNP900
General Electric HE693THM884G	View General Electric HE693THM884G
General Electric IC693ACC302B	View General Electric IC693ACC302B
General Electric IC693ALG223	View General Electric IC693ALG223

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