TECHNICAL REFERENCE / EXACT-MODEL DOSSIER

WESTINGHOUSE 3A99132G02

OCR161 Power Supply Module

WESTINGHOUSE 3A99132G02 is the PCPS power-supply assembly used in an Ovation OCR161 controller hardware set.

IDENTITY AND FUNCTION SNAPSHOT	
H1 OCR161 controller power supply	**H2** PCPS assembly
H3 3PCPS04 hardware designation	**H4** Exact G02 replacement identity

Installed-system position

1	Cabinet source
2	3A99132G02 PCPS
3	OCR161 controller power rail
4	Controller and I/O hardware

Exact-model release boundary

Identity Keep WESTINGHOUSE 3A99132G02 complete in drawings, labels and acceptance records.	**Evidence** Use only the exact-model and explicitly applicable family facts documented here.
Configuration Record cables, jumpers, settings and the installed functional position before work.	**Acceptance** Prove the affected control path before returning the equipment to service.

02 / SYSTEM ROLE AND INTERFACES

Architecture, interfaces and service boundaries

At the OCR161 power boundary, WESTINGHOUSE 3A99132G02 is evaluated through exact assembly matching, connector condition, cabinet grounding and controller power indications rather than inferred ratings from another power card.

CONTROL PATH	
1	Cabinet source
2	3A99132G02 PCPS

3	OCR161 controller power rail
4	Controller and I/O hardware

Interface architecture

Source boundary	Receives the installed cabinet power connection
Conversion boundary	Provides the PCPS controller power function
Load boundary	Feeds the OCR161 controller hardware set
Service boundary	Requires exact G02 assembly and connector matching

Interface acceptance checks

1

De-energize the OCR161 cabinet before handling WESTINGHOUSE 3A99132G02.

2

Confirm the full G02 part number and 3PCPS04 assembly designation.

3

Record input and output connector positions and controller status before removal.

4

Do not apply ratings taken from another PCPS group or visually similar supply.

Engineering rule

A nearby WESTINGHOUSE family code does not establish interchangeability with 3A99132G02; use the physical nameplate and controlled site records.

ENGINEERING SUMMARY / MODEL-SPECIFIC CHECKPOINTS

- Source boundary: Receives the installed cabinet power connection
- Conversion boundary: Provides the PCPS controller power function
- Load boundary: Feeds the OCR161 controller hardware set
- Service boundary: Requires exact G02 assembly and connector matching

03 / VERIFIED TECHNICAL DATA

Engineering matrix and component map

Every populated row is a technical value supported by the reviewed exact-model record or an explicitly applicable WESTINGHOUSE family source.

Product type	Controller power-supply assembly
Controller family	OCR161
Board family	PCPS
Assembly designation	3PCPS04 W3-DPU
Part number	3A99132G02

CHANGE CONTROL

Record Capture the full model, revision, slot, connectors and as-found condition.	**Compare** Match every populated technical row to the replacement and project record.
Protect Apply controlled isolation, stored-energy and ESD practices.	**Prove** Complete the product-specific functional and safe-state checks.

Source applicability

Evidence record	Applicable scope
Exact-model OCR161 plant-spares records: 3A99132G02 controller power supply	Supports only the exact-model or explicitly applicable family facts used in this document.
Exact-model PCPS assembly records: 3PCPS04 W3-DPU	Supports only the exact-model or explicitly applicable family facts used in this document.

04 / SERVICE LOGIC AND ACCEPTANCE

Fault isolation and controlled return

1	Capture the fault, indicators and surrounding-system state
2	Verify exact identity, power boundary, cabling and installed position
3	Test WESTINGHOUSE 3A99132G02 against the approved service procedure
4	Correct the isolated cause and restore the recorded configuration

5	Commission the affected path and archive measured evidence

Eight product-specific precautions

1 De-energize the OCR161 cabinet before handling WESTINGHOUSE 3A99132G02.	**2** Confirm the full G02 part number and 3PCPS04 assembly designation.
3 Record input and output connector positions and controller status before removal.	**4** Do not apply ratings taken from another PCPS group or visually similar supply.
5 Inspect connectors, board guides, retention hardware and grounding points.	**6** Restore the original cable routing and protective devices before energization.
7 Monitor controller power and diagnostic indications during controlled startup.	**8** Return the controller to service only after stable power and dependent hardware checks pass.

05 / ENGINEERING FAQ AND SUPPORT

Model-specific engineering decisions

Engineering decision	Controlled response
What is the system role of WESTINGHOUSE 3A99132G02?	It is the power-supply assembly for an Ovation OCR161 controller hardware set.
Which family designation is associated with WESTINGHOUSE 3A99132G02?	The assembly belongs to the PCPS power-supply family.
What assembly marking belongs with WESTINGHOUSE 3A99132G02?	The exact-model records identify 3PCPS04 W3-DPU.
Why must WESTINGHOUSE 3A99132G02 retain the G02 suffix?	The suffix is part of the controlled assembly identity and must match the installed controller configuration.
What should be recorded before removing WESTINGHOUSE 3A99132G02?	Record connector locations, cable labels, protective-device state, grounding and controller indications.
Can another PCPS card's ratings be assigned to WESTINGHOUSE 3A99132G02?	No. Electrical ratings must be taken from the exact installed unit or its controlled project documents.
How should WESTINGHOUSE 3A99132G02 be started after replacement?	Apply power through the approved cabinet procedure while monitoring supply and OCR161 diagnostic indications.
What closes WESTINGHOUSE 3A99132G02 acceptance?	Stable controller power and correct operation of the connected OCR161 hardware close acceptance.

Related Apter Power references

Related Apter Power references	Scope note
WESTINGHOUSE 5X00121G01	Portfolio reference only; verify compatibility independently.
WESTINGHOUSE 5X00167G01	Portfolio reference only; verify compatibility independently.
WESTINGHOUSE 5X00226G04	Portfolio reference only; verify compatibility independently.

	Apter Power technical support sales13@apterpower.com +86 180 3023 5313 www.apterpower.com	Model record WESTINGHOUSE 3A99132G02 OCR161 Power Supply Module Verify the complete nameplate before installation.

MODEL-SPECIFIC ACCEPTANCE MAP

1. Cabinet source
2. 3A99132G02 PCPS
3. OCR161 controller power rail
4. Controller and I/O hardware

VERIFIED DATA

- Product type: Controller power-supply assembly
- Controller family: OCR161
- Board family: PCPS
- Assembly designation: 3PCPS04 W3-DPU
- Part number: 3A99132G02

INTERFACE CHECKS

- Source boundary: Receives the installed cabinet power connection
- Conversion boundary: Provides the PCPS controller power function
- Load boundary: Feeds the OCR161 controller hardware set
- Service boundary: Requires exact G02 assembly and connector matching

RELEASE CHECKLIST

1. De-energize the OCR161 cabinet before handling WESTINGHOUSE 3A99132G02.
2. Confirm the full G02 part number and 3PCPS04 assembly designation.
3. Record input and output connector positions and controller status before removal.
4. Do not apply ratings taken from another PCPS group or visually similar supply.
5. Inspect connectors, board guides, retention hardware and grounding points.
6. Restore the original cable routing and protective devices before energization.
7. Monitor controller power and diagnostic indications during controlled startup.
8. Return the controller to service only after stable power and dependent hardware checks pass.