

80026-529-01-R

AC/DC Power Supply, 56 V DC Output, 1000 W

Allen-Bradley 80026-529-01-R is the exact manufacturer-listed ac/dc power supply, 56 v dc output, 1000 w for the documented installed system.

BRAND	Allen-Bradley	FAMILY	Allen-Bradley PowerFlex 7000
PART	80026-529-01-R	SYSTEM ROLE	Uses a single-phase AC input

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80026-529-01-R

MANUFACTURER SOURCE RECORD

PowerFlex 7000 Medium Voltage AC Drives Troubleshooting Guide
7000-TG002L-EN-P, February 2020

Product Overview

SYSTEM FUNCTION

Allen-Bradley 80026-529-01-R is the exact manufacturer-listed ac/dc power supply, 56 v dc output, 1000 w for the documented installed system.

FUNCTION 1

Uses a single-phase AC input

FUNCTION 2

Provides a 56 V DC output

FUNCTION 3

Carries the documented 1000 W rating

FUNCTION 4

Supports the PowerFlex 7000 control-power arrangement

System Components

COMPONENT	DOCUMENTED ROLE
Host / carrier	Allen-Bradley PowerFlex 7000
Primary interface	Uses a single-phase AC input
Engineering context	Match the installed supply position, single-phase source, 56 V DC distribution and 1000 W execution. Reproduce protective connections and cable routing, then confirm output behavior and drive diagnostics during controlled energization.
Commissioning duty	Verify output voltage and drive diagnostics before release.

TECHNICAL NOTE

Match the installed supply position, single-phase source, 56 V DC distribution and 1000 W execution. Reproduce protective connections and cable routing, then confirm output behavior and drive diagnostics during controlled energization.

Technical Data

PARAMETER	VALUE	PARAMETER	VALUE
Power-supply type	AC/DC	Output power	1000 W
Input	Single phase	Drive family	PowerFlex 7000
Output voltage	56 V DC		

Related Products on Apter Power

MODEL	SYSTEM ROLE	APTER POWER PAGE
Allen-Bradley 1756-IV32	Allen-Bradley product	View Allen-Bradley 1756-IV32 page
Allen-Bradley 1747-DCM	Allen-Bradley product	View Allen-Bradley 1747-DCM page
Allen-Bradley 1746-OW4	Allen-Bradley product	View Allen-Bradley 1746-OW4 page
Allen-Bradley 1746-OV32	Allen-Bradley product	View Allen-Bradley 1746-OV32 page
Allen-Bradley 1746-OG16	Allen-Bradley product	View Allen-Bradley 1746-OG16 page
Allen-Bradley 1746-OBP16	Allen-Bradley product	View Allen-Bradley 1746-OBP16 page
Allen-Bradley 1746-OAP12	Allen-Bradley product	View Allen-Bradley 1746-OAP12 page
Allen-Bradley 1746-NIO4V	Allen-Bradley product	View Allen-Bradley 1746-NIO4V page

ENGINEERING BOUNDARY

Confirm Allen-Bradley 80026-529-01-R, the complete PowerFlex 7000 or MV SMC Flex host identity, installed hardware execution, board or semiconductor position, connectors, wiring, grounding, cooling path, firmware or configuration where applicable, companion components and controlled commissioning results before service.

Applications and Precautions

Common Applications

PowerFlex 7000 control-power restoration

Restores the documented single-phase AC to 56 V DC conversion.

Controlled replacement projects

Preserves source, output and protective-connection identity.

Drive cabinet power-supply service

Maintains the approved 1000 W supply execution.

Post-repair voltage verification

Supports output and diagnostic checks before drive enablement.

Product Precautions

- 1

Confirm Allen-Bradley 80026-529-01-R, single-phase input, 56 V DC output and 1000 W rating.
- 2

Isolate all drive power and prove stored energy discharged.
- 3

Record source, output, protective and connector positions.
- 4

Inspect the mounting position and cooling path before replacement.
- 5

Use ESD-safe handling for connected control circuits.
- 6

Reproduce the documented source and 56 V DC distribution connections.
- 7

Energize through the approved PowerFlex 7000 sequence.
- 8

Verify output voltage and drive diagnostics before release.

IMPORTANT NOTICE

Confirm Allen-Bradley 80026-529-01-R, the complete PowerFlex 7000 or MV SMC Flex host identity, installed hardware execution, board or semiconductor position, connectors, wiring, grounding, cooling path, firmware or configuration where applicable, companion components and controlled commissioning results before service.

ACCEPTANCE CHECK	REQUIRED EVIDENCE
Identity	80026-529-01-R
Configuration	Energize through the approved PowerFlex 7000 sequence.
Functional release	Verify output voltage and drive diagnostics before release.

Engineer FAQ

Q1 What are the official power characteristics of Allen-Bradley 80026-529-01-R?

It is documented as an AC/DC supply with single-phase input, 56 V DC output and 1000 W rating.

Q3 How is the 56 V DC output of Allen-Bradley 80026-529-01-R tracked during replacement?

Label the output distribution and reproduce the as-found polarity, routing and destination before controlled testing.

Q5 What cooling inspection applies to Allen-Bradley 80026-529-01-R?

Inspect its mounting and cabinet cooling path and keep ventilation clear before restoring power.

Q7 How is Allen-Bradley 80026-529-01-R tested before drive enablement?

Energize through the approved sequence, verify the 56 V DC output behavior and review PowerFlex 7000 diagnostics.

Q2 Which source must be confirmed before fitting Allen-Bradley 80026-529-01-R?

Confirm the installed single-phase input assignment and protective connections for the exact PowerFlex 7000 supply position.

Q4 Why is the 1000 W marking important for Allen-Bradley 80026-529-01-R?

It is part of the exact official supply execution and must match the installed drive record rather than a nearby power-supply variant.

Q6 What isolation is required for Allen-Bradley 80026-529-01-R service?

Isolate all drive and auxiliary sources and prove stored energy discharged before touching input or output connections.

Q8 What closes the Allen-Bradley 80026-529-01-R commissioning record?

Record the single-phase source, 56 V DC distribution, 1000 W identity, protective connections, output check and diagnostics.

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