

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.

IDENTITY	VERIFIED VALUE
Manufacturer	Allen-Bradley
System family	Allen-Bradley PowerFlex 7000
Part number	80026-529-01-R
Product role	Uses a single-phase AC input
Lifecycle	Installed product record

DOCUMENT SCOPE

Exact-article identity, technical data, host role, installation checks, applications, precautions and engineering verification.

MODEL-SPECIFIC ENGINEERING 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.

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Technical Specifications

Technical values below are limited to the named Allen-Bradley product record and directly applicable manufacturer documentation.

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		

Verified Product Record

DATA GROUP	VERIFIED VALUE
Installed host / carrier	Allen-Bradley PowerFlex 7000
Primary system role	Uses a single-phase AC input
Connection boundary	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.
Controlled acceptance duty	PowerFlex 7000 control-power restoration

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.

Pre-Installation Checks

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.

Documented Service Record

RECORD ITEM	REQUIRED ENTRY
As-found article	80026-529-01-R
Installed host	Allen-Bradley PowerFlex 7000
Connection record	Capture before removal
Controlled release	Diagnostics and functional proof

System Role and Architecture

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

Matched System Components

NO.	DOCUMENTED COMPONENT / ROLE
1	Allen-Bradley PowerFlex 7000
2	Single phase
3	PowerFlex 7000 control-power restoration
4	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.

System Integration Record

INTEGRATION ITEM	DOCUMENTED ROLE
Host identity	Allen-Bradley PowerFlex 7000
Interface role	Uses a single-phase AC input
Field / power 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 evidence	Verify output voltage and drive diagnostics before release.

Installation and Connection Checks

1Use ESD-safe handling for connected control circuits.

2Reproduce the documented source and 56 V DC distribution connections.

3Energize through the approved PowerFlex 7000 sequence.

4Verify output voltage and drive diagnostics before release.

MANUFACTURER SOURCE RECORD

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

Applications and Engineering Context

PowerFlex 7000 control-power restoration

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

Drive cabinet power-supply service

Maintains the approved 1000 W supply execution.

Controlled replacement projects

Preserves source, output and protective-connection identity.

Post-repair voltage verification

Supports output and diagnostic checks before drive enablement.

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.

Model-Specific Acceptance Evidence

CHECK	ACCEPTANCE CONDITION
Identity	80026-529-01-R recorded
Host / carrier	Allen-Bradley PowerFlex 7000
Physical interface	Uses a single-phase AC input
Configuration	Energize through the approved PowerFlex 7000 sequence.
Functional proof	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.

Controlled Release Summary

RELEASE ITEM	MODEL-SPECIFIC CONDITION
Article identity	80026-529-01-R
Approved role	PowerFlex 7000 control-power restoration
Final validation	Verify output voltage and drive diagnostics before release.

Engineering 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.

Related Products on Apter Power

MODEL	SYSTEM ROLE	APTER POWER PAGE
Allen-Bradley 1775-L4	Allen-Bradley product	View Allen-Bradley 1775-L4 page
Allen-Bradley 1775-KA	Allen-Bradley product	View Allen-Bradley 1775-KA page
Allen-Bradley 1775-GA	Allen-Bradley product	View Allen-Bradley 1775-GA page
Allen-Bradley 1772-LX	Allen-Bradley product	View Allen-Bradley 1772-LX page
Allen-Bradley 1772-LW	Allen-Bradley product	View Allen-Bradley 1772-LW page
Allen-Bradley 1772-LS	Allen-Bradley product	View Allen-Bradley 1772-LS page
Allen-Bradley 1772-LN2	Allen-Bradley product	View Allen-Bradley 1772-LN2 page
Allen-Bradley 1771-P4R	Allen-Bradley product	View Allen-Bradley 1771-P4R page

MANUFACTURER SOURCE RECORD

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

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