

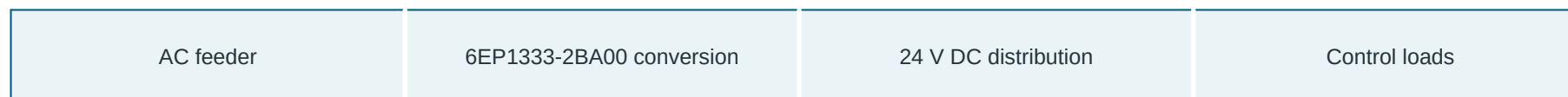
Siemens 6EP1333-2BA00

SITOP Power Supply

Rail-mounted switched-mode power supply providing a regulated 24 V DC, 5 A output for industrial control loads.

01	02	03	04
24 V DC nominal output	5 A rated output current	120/230 V AC input selection	Adjustable 22.8-26.4 V DC output

System position



Evidence boundary

Only verified exact-model facts and explicitly identified family context are included. Similar codes are not treated as substitutes.

Engineering domains and architecture

Input	120/230 V AC, 50/60 Hz
Input tolerance	93-132 V AC or 187-264 V AC
Output	24 V DC nominal, 5 A
Adjustment	22.8-26.4 V DC

Efficiency	87%
Protection	IP20
Short-circuit behavior	Current limiting with automatic restart
Mounting	Vertical; terminals at the bottom

Interface architecture

L1 / N	PE	AC 120 V jumper	L+ / M
AC input	Protective earth	Input-range configuration	Regulated DC output

Use cases with controlled scope

Control Panels Regulated 24 V DC supply for PLC, relay and interface circuits.	Machine Automation Central auxiliary supply in legacy industrial machinery.	Retrofit Maintenance Exact-code replacement where the installed drawing calls for 6EP1333-2BA00.	Commissioning Benches Controlled 24 V DC source for documented system acceptance tests.
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INTEGRATION CHECKPOINTS

Identity Siemens 6EP1333-2BA00 is preserved in full.	Host system Rack, slot and surrounding hardware are verified.	Configuration Project, firmware and settings are recorded.	Acceptance Functional evidence is captured before release.
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System relationship

AC feeder	6EP1333-2BA00 conversion	24 V DC distribution	Control loads
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Decision matrix

Question	Answer
What output does Siemens 6EP1333-2BA00 provide?	It provides a nominal 24 V DC output rated at 5 A.
Can Siemens 6EP1333-2BA00 accept 120 V and 230 V AC?	Yes. The documented input arrangement covers 120/230 V AC; the jumper and wiring must match the site supply.
Is Siemens 6EP1333-2BA00 output adjustable?	The documented adjustment range is 22.8 to 26.4 V DC.
How should Siemens 6EP1333-2BA00 be mounted?	Install it vertically with the terminals at the bottom and maintain the specified ventilation clearance.
What should be checked before energizing Siemens 6EP1333-2BA00?	Check the exact model, input selection, protective earth, polarity, terminal tightness and unloaded output voltage.

Eight release precautions

1 Verify the complete 6EP1333-2BA00 nameplate before replacement.	2 Confirm whether the installation requires the 120 V jumper configuration.	3 Isolate the AC feeder and prove absence of voltage before wiring.	4 Connect protective earth before applying line power.
5 Keep the documented vertical orientation with terminals at the bottom.	6 Maintain 50 mm free space above and below for natural cooling.	7 Use conductors and tightening torque within the documented terminal limits.	8 Measure the 24 V DC output before reconnecting sensitive loads.

Product verification and support

Apter Power verification record

Model identity	Keep the complete Siemens model code and every suffix in purchasing, installation and acceptance records.
Verification boundary	Confirm the physical nameplate, installed position and revision-controlled project documents before field work.
Apter Power support	Use the contact details and Apter Power website links in this document for product and sourcing support.

Related Apter Power references	Scope note
Siemens 39SDM024DCCBN 16101-174/8	Portfolio reference only; verify compatibility independently.
Siemens 16101-174/10	Portfolio reference only; verify compatibility independently.

	Apter Power technical and sourcing support sales7@apterpower.com +86 180 3017 5807 www.apterpower.com Scan for the Apter Power contact page.	Model record Siemens 6EP1333-2BA00 SITOP Power Supply Verify the complete nameplate before installation.
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