

APTER POWER PRODUCT MANUAL

6EP1333-1LB00

SITOP PSU100L 24 V DC 5 A Stabilized Power Supply

The Siemens 6EP1333-1LB00 is a SITOP PSU100L stabilized industrial power supply. It accepts a selectable 120 V or 230 V single-phase AC source and supplies regulated 24 V DC at 5 A to control equipment.

It converts plant AC power into isolated, controlled DC power for PLCs, HMIs, sensors, relays, and communications devices, with an adjustable 22.8 to 26.4 V output for the documented installation range.

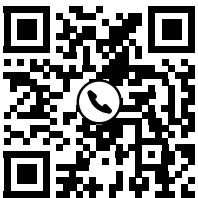
Manufacturer	Siemens
Prepared by	Apter Power
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APTER POWER SALES TEAM

INDUSTRIAL AUTOMATION PRODUCT SUPPORT

Select the Input. Stabilize the Control Layer.

WHATSAPP / PHONE +86 180 3023 5313
EMAIL sales13@apterpower.com
WEBSITE www.apterpower.com



SCAN FOR PRODUCT & QUOTE
6EP1333-1LB00

1. Product Overview and Identity

The Siemens 6EP1333-1LB00 is a SITOP PSU100L stabilized industrial power supply. It accepts a selectable 120 V or 230 V single-phase AC source and supplies regulated 24 V DC at 5 A to control equipment.

It converts plant AC power into isolated, controlled DC power for PLCs, HMIs, sensors, relays, and communications devices, with an adjustable 22.8 to 26.4 V output for the documented installation range.

Model Configuration

Field	Verified information
Complete model	6EP1333-1LB00
Manufacturer	Siemens
Product description	SITOP PSU100L 24 V DC 5 A Stabilized Power Supply

Key Features

- Exact 6EP1333-1LB00 identity retained
- Manufacturer-source data separated from unconfirmed values
- SITOP PSU100L
- System context: SITOP
- Model-specific lifecycle and installation guidance

2. Technical Specifications

Only manufacturer-confirmed information is stated. Values absent from the named Siemens source are marked for nameplate or document verification.

Parameter	Verified value
Product line	SITOP PSU100L
Input system	Single-phase AC; selector set for 120 V or 230 V
Input ranges	93 to 132 V AC or 187 to 264 V AC
Line frequency	47 to 63 Hz
Output	24 V DC / 5 A
Adjustable output	22.8 to 26.4 V DC
Minimum mains buffering	20 ms at the stated Siemens condition
Net weight	Approx. 0.4 kg

Verification Note

Use the complete 6EP1333-1LB00 identity. Siemens announced product phase-out effective 1 October 2025 and lists 6EP3333-3SB00-0AX0 as a substitute. Confirm the current regional PLM status before ordering. Values not published in the cited Siemens source are intentionally not inferred.

3. Functions, Applications and Components

Core Functions

- It converts plant AC power into isolated, controlled DC power for PLCs, HMIs, sensors, relays, and communications devices, with an adjustable 22.8 to 26.4 V output for the documented installation range.
- Maintains the documented SITOP system role for this exact identity.
- Provides an exact reference for engineering, maintenance, and quotation review.

Application Areas

Application	System role
Compact control panels	Supply PLC, HMI, sensor, and relay circuits.
Machine automation	Create a regulated 24 V DC branch from single-phase AC.
Legacy SITOP service	Replace the exact PSU100L after verifying the selector and load.

Compatible Components

- Industrial 24 V DC loads within the published 5 A rating
- Input protection and wiring selected for the active 120/230 V selector position
- Siemens-listed successor 6EP3333-3SB00-0AX0 only after installation review

Lifecycle Status

Siemens announced product phase-out effective 1 October 2025 and lists 6EP3333-3SB00-0AX0 as a substitute. Confirm the current regional PLM status before ordering.

4. Installation Precautions

- Isolate the AC feeder before wiring
- Set the 120/230 V selector to match the measured supply
- Size conductors and protection for the 5 A output and inrush current
- Maintain the published ventilation clearances
- Verify output voltage and polarity before reconnecting loads

STOP - Verify before installation

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Use the physical nameplate and current Siemens documents as the controlling records.

5. Official Source and Use Notice

Official source

Siemens Industry Mall product record and technical product data for 6EP1333-1LB00.

Apter Power product page

<https://www.apterpower.com/Siemens/6EP1333-1LB00>

Use Notice

This is an original Apter Power product-specific reference prepared from the Siemens source named above. It is not a Siemens publication and does not replace the original data sheet, nameplate, certificate, installation drawing, safety instructions, or machine-builder documentation.

ASK FOR QUOTE

For availability and quotation details, visit www.apterpower.com or contact sales13@apterpower.com.