

APTER POWER PRODUCT MANUAL

6EP1333-2AA01

SITOP Smart 120 W 24 V DC 5 A Power Supply

The Siemens 6EP1333-2AA01 is a SITOP Smart 120 W regulated power supply. It converts 120/230 V AC input power into 24 V DC at 5 A for industrial control and instrumentation loads.

The unit supplies PLC, HMI, sensor, relay, and communications circuits in compact panels where a stabilized 120 W control-power source is required.

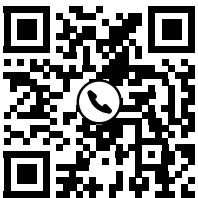
Manufacturer	Siemens
Prepared by	Apter Power
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APTER POWER SALES TEAM

INDUSTRIAL AUTOMATION PRODUCT SUPPORT

A Verified 120 W Control-Power Baseline for Legacy Panels.

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SCAN FOR PRODUCT & QUOTE

6EP1333-2AA01

1. Product Overview and Identity

The Siemens 6EP1333-2AA01 is a SITOP Smart 120 W regulated power supply. It converts 120/230 V AC input power into 24 V DC at 5 A for industrial control and instrumentation loads.

The unit supplies PLC, HMI, sensor, relay, and communications circuits in compact panels where a stabilized 120 W control-power source is required.

Model Configuration

Field	Verified information
Complete model	6EP1333-2AA01
Manufacturer	Siemens
Product description	SITOP Smart 120 W 24 V DC 5 A Power Supply

Key Features

- Exact 6EP1333-2AA01 identity retained
- Manufacturer-source data separated from unconfirmed values
- SITOP Smart
- 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 Smart
Rated power	120 W
Input	120/230 V AC
Output	24 V DC / 5 A
Net weight	Approx. 0.50 kg
Published successor	6EP1333-2BA20
Lifecycle	PM500; discontinued 1 April 2025

Verification Note

Use the complete 6EP1333-2AA01 identifier. Siemens states that 6EP1333-2AA01 is no longer available, reached PM500 on 1 April 2025, and names 6EP1333-2BA20 as successor. Values not published in the cited Siemens source are intentionally not inferred.

3. Functions, Applications and Components

Core Functions

- The unit supplies PLC, HMI, sensor, relay, and communications circuits in compact panels where a stabilized 120 W control-power source is required.
- Maintains the documented SITOP system role for this exact article number.
- Provides an exact reference for engineering, maintenance, and quotation review.

Application Areas

Application	System role
Compact PLC panels	Power CPU, I/O, and small HMI loads.
Sensor and relay supplies	Provide a stabilized 24 V branch.
Legacy cabinet service	Replace the exact supply or assess the published successor.

Compatible Components

- 24 V DC control loads within the 5 A rating
- Panel mains protection and conductors specified for the supply
- Successor evaluation only after mechanical and electrical comparison

Lifecycle Status

Siemens states that 6EP1333-2AA01 is no longer available, reached PM500 on 1 April 2025, and names 6EP1333-2BA20 as successor.

4. Installation Precautions

- Isolate the AC input before wiring
- Confirm 120/230 V input selection and protection
- Do not exceed 5 A output
- Verify dimensions and terminal positions before applying the successor
- Check the total load and inrush current

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 for 6EP1333-2AA01.

Apter Power product page

<https://www.apterpower.com/Siemens/6EP1333-2AA01>

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.