

APTER POWER PRODUCT MANUAL

6EP1437-2BA20

SITOP PSU300S 24 V DC 40 A Three-Phase Power Supply

The Siemens 6EP1437-2BA20 is a SITOP PSU300S regulated three-phase power supply. It converts 3 AC 400 to 500 V input power into 24 V DC at 40 A for high-current industrial control and auxiliary loads.

The supply feeds large automation cabinets, distributed 24 V loads, contactors, valves, electronics, and downstream protection or redundancy modules.

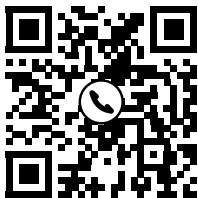
Manufacturer	Siemens
Prepared by	Apter Power
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APTER POWER SALES TEAM

INDUSTRIAL AUTOMATION PRODUCT SUPPORT

Three-Phase Input. Forty Amps of Industrial 24 V Control Power.

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



SCAN FOR PRODUCT & QUOTE

6EP1437-2BA20

1. Product Overview and Identity

The Siemens 6EP1437-2BA20 is a SITOP PSU300S regulated three-phase power supply. It converts 3 AC 400 to 500 V input power into 24 V DC at 40 A for high-current industrial control and auxiliary loads.

The supply feeds large automation cabinets, distributed 24 V loads, contactors, valves, electronics, and downstream protection or redundancy modules.

Model Configuration

Field	Verified information
Complete model	6EP1437-2BA20
Manufacturer	Siemens
Product description	SITOP PSU300S 24 V DC 40 A Three-Phase Power Supply

Key Features

- Exact 6EP1437-2BA20 identity retained
- Manufacturer-source data separated from unconfirmed values
- SITOP PSU300S
- 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 PSU300S
Input	3 AC 400 to 500 V
Output	24 V DC / 40 A
Net weight	Approx. 3.10 kg
Lifecycle	PM300 active product

Verification Note

Use the complete 6EP1437-2BA20 identifier. Siemens lists 6EP1437-2BA20 as a PM300 active product. Values not published in the cited Siemens source are intentionally not inferred.

3. Functions, Applications and Components

Core Functions

- The supply feeds large automation cabinets, distributed 24 V loads, contactors, valves, electronics, and downstream protection or redundancy modules.
- 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
Large automation cabinets	Supply high-current PLC, HMI, I/O, and actuator loads.
Process plants	Feed distributed 24 V DC control branches.
Machine lines	Support contactors, valves, and electronic control equipment.

Compatible Components

- Three-phase supply and protection designed for the input range
- 24 V DC loads within the 40 A rating
- SITOP selectivity, redundancy, or buffering accessories approved by Siemens

Lifecycle Status

Siemens lists 6EP1437-2BA20 as a PM300 active product.

4. Installation Precautions

- Isolate all three phases before wiring
- Verify phase voltage and protective device
- Size 24 V conductors for 40 A
- Provide ventilation and mounting clearances
- Coordinate downstream branch protection

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 6EP1437-2BA20.

Apter Power product page

<https://www.apterpower.com/Siemens/6EP1437-2BA20>

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.