

SITOP PSU300S

Product Data Sheet

6EP1437-2BA20

24 V DC 40 A Power Supply

INPUT	OUTPUT	CURRENT	POWER
3 AC	24 V DC	40 A	960 W

Siemens 6EP1437-2BA20 is a three-phase SITOP PSU300S power supply rated 24 V DC and 40 A for industrial control-power loads.

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VERIFIED TECHNICAL DATA

Product type	SITOP PSU300S power supply
Input	3-phase AC
Rated input voltage	400–500 V AC
Input voltage range	340–550 V AC
Line frequency range	47–63 Hz
Input current at 400 V	2.0 A
Inrush current	60 A maximum
Rated output voltage	24 V DC

Values are limited to this exact Siemens order number and the cited official manual.

02

ADDITIONAL VERIFIED DATA

Output adjustment	24–28 V
Rated output current	40 A
Output active power	960 W
Residual ripple	150 mV p-p maximum
Efficiency	91.5% approximately
Dimensions W × H × D	150 × 145 × 150 mm
Weight	Approx. 3.7 kg

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PRODUCT FUNCTION

The official manual specifies a 340–550 V AC input range, 960 W output power, 91.5% efficiency, LED and relay-contact status signaling, and rail mounting on EN 60715 35 × 15 mm rails.

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OFFICIAL APPLICATIONS

- 24 V DC control-circuit power supply
- High-current automation load supply
- Parallel operation for increased power rating
- Redundancy-module supply configurations
- Buffer-module supported supply configurations

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OFFICIAL SOURCES

[Siemens exact product record](#)

[SITOP PSU300S Operating Instructions](#)

AMIKON PRODUCT SUPPORT

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