

SITOP PSU300S

Product Data Sheet

6EP1437-2BA20

Three Phase Power Supply

RATED INPUT VOLTAGE	PERMITTED AC INPUT RANGE	INPUT FREQUENCY	OUTPUT VOLTAGE SETTING
3-phase 400 to 500 V AC	340 to 550 V AC	47 to 63 Hz	24 to 28 V DC

Siemens 6EP1437-2BA20 is the SITOP PSU300S three-phase industrial power supply. It converts a compatible 400 to 500 V AC supply into regulated 24 V DC power for industrial control circuits.

01

VERIFIED TECHNICAL DATA

Rated input voltage	3-phase 400 to 500 V AC
Permitted AC input range	340 to 550 V AC
Input frequency	47 to 63 Hz
Output voltage setting	24 to 28 V DC
Rated output current	40 A
Maximum output power	960 W
Mains buffering at 400 V	6 ms
Maximum inrush current	60 A at 25 deg C
Inrush integral	3.4 A²s
Residual ripple	150 mV maximum

ADDITIONAL PRODUCT DATA

Voltage spike limit	240 mV maximum
Typical efficiency	91.5%
Typical power loss	89 W
Output overload boost	150% for 5 s per minute
Operating ambient temperature	-25 to 70 deg C

DOCUMENTED USE SETTINGS

Power Generation and Industrial Energy Processing: Electric Power Generation Control.

Water Supply and Wastewater Treatment: Municipal Water Supply Control.

Manufacturing and Industrial Processing Control: Industrial Manufacturing Process Automation.

SYSTEM COMPATIBILITY

Integrate 6EP1437-2BA20 only in the documented SITOP PSU300S configuration. Match the installed interfaces and the engineered application before selecting this three phase power supply.

PRODUCT EVIDENCE

Siemens technical documentation for 6EP1437-2BA20

AMIKON PRODUCT SUPPORT

+86-18020776786

INFO@AMIKON.CN

AMIKONG.COM