SIMATIC S7-400 PS 407

Product Data Sheet

6ES7407-0DA02-0AA0

Rack Backplane Power Supply

RATED MAINS INPUT	PERMITTED DC INPUT	AC INPUT FREQUENCY	BACKPLANE 5 V OUTPUT
120/230 V AC or DC	**88 to 300 V DC**	**47 to 63 Hz**	**4 A maximum**

Siemens 6ES7407-0DA02-0AA0 is the PS 407 power supply for SIMATIC S7-400 racks. It provides backplane power for compatible controllers and modules from a 120/230 V AC or DC source.

01 VERIFIED TECHNICAL DATA

Rated mains input	120/230 V AC or DC
Permitted DC input	88 to 300 V DC
AC input frequency	47 to 63 Hz
Backplane 5 V output	4 A maximum
Backplane 24 V output	0.5 A maximum
Mains failure buffering	20 ms
Maximum inrush current	8.25 A
Inrush pulse width	5 ms FWHM
Typical power consumption	52 W
Typical power loss	20 W

Values follow the unit photographs and applicable documents identified on page 2.

02 ADDITIONAL PRODUCT DATA

Battery voltage	3.6 V lithium
Battery capacity	2.3 Ah
Protection class	Class I
Supply conductor allocation	3 x 1.5 mm²
Operating temperature	0 to 60 deg C

03 DOCUMENTED USE SETTINGS

Chemical Manufacturing and Continuous Process Automation: Chemical Production Process Automation.

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

Water Supply and Wastewater Treatment: Municipal Water Supply Control.

04 SYSTEM COMPATIBILITY

Integrate 6ES7407-0DA02-0AA0 only in the documented SIMATIC S7-400 PS 407 configuration. Match the installed interfaces and the engineered application before selecting this rack backplane power supply.

05 PRODUCT EVIDENCE

Siemens technical documentation for 6ES7407-0DA02-0AA0

AMIKON PRODUCT SUPPORT

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