

SIMATIC S7-400 PS 407

Product Data Sheet

6ES7407-0KA01-0AA0

AC DC rack power supply

DC INPUT RANGE	AC INPUT RANGE	INPUT FREQUENCY	INTERRUPTION BRIDGING
88 to 300 V DC	85 to 264 V AC	47 to 63 Hz	20 ms

Siemens 6ES7407-0KA01-0AA0 is the PS 407 10 A rack power supply for SIMATIC S7-400. It converts the documented AC or DC input into the backplane voltages required by compatible controller and I/O modules.

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VERIFIED TECHNICAL DATA

DC input range	88 to 300 V DC
AC input range	85 to 264 V AC
Input frequency	47 to 63 Hz
Interruption bridging	20 ms
Input current at 120 V AC	1.2 A
Input current at 230 V AC	0.6 A
Inrush current	18 A
5 V output capacity	10 A
5 V minimum load	200 mA
24 V output capacity	1 A

ADDITIONAL PRODUCT DATA

Active input power	105 W
Power loss	29.7 W
Backup battery arrangement	2 lithium AA cells, 3.6 V, 1.9 Ah
Rack occupancy	2 slots
Supply cable	3 x 1.5 mm ² , outer diameter 3 to 9 mm

DOCUMENTED USE SETTINGS

Vehicle Manufacturing and Automotive Parts Production: Automotive Body Production.

Food Processing and Industrial Beverage Production: Food Processing and Packaging.

Industrial Packaging Production and Material Converting: Paper Packaging Production.

SYSTEM COMPATIBILITY

Siemens 6ES7407-0KA01-0AA0 is the PS 407 10 A rack power supply for SIMATIC S7-400. It converts the documented AC or DC input into the backplane voltages required by compatible controller and I/O modules.

PRODUCT EVIDENCE

Siemens SIMATIC S7-400 PS 407 technical documentation