

1-PHASE, 24 V DC (FOR S7-300 AND ET 200M)

Product Data Sheet

6ES7305-1BA80-0AA0

PS 305 regulated power supply

FUNCTION	FAMILY	ORIGIN	WEIGHT
PS 305 regulated power supply	1-phase, 24 V DC (for	Romania	

S7-300 6ES7305-1BA80-0AA0 is a PS 305 regulated power supply for the 1-phase, 24 V DC (for S7-300 and ET 200M). The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Technical Product Detail Page	https://i.siemens.com/1P6ES7305-1BA80-0AA0
product designation	Power supply S7-300
type of current supply	24 V/2 A
supply voltage at DC	24 ... 110 V
input voltage at DC	16.8 ... 138 V
wide range input	Yes
overvoltage overload capability	154 V; 0.1 s
buffering time for rated value of the output current in the event of a short circuit	10 ms
at rated input voltage 24 V	2.4 A
at rated input voltage 110 V	0.6 A

ADDITIONAL PRODUCT DATA

current limitation of inrush current at 25 °C maximum	20 A
I2t value maximum	5 A²·s

OFFICIAL APPLICATIONS

- Paint shop and body transfer lines: Process Control Systems
- Ore conveying and screening stations: Plant Utility Systems
- Pulp washing and bleaching plants: Equipment Monitoring Systems

SYSTEM COMPATIBILITY

Match 6ES7305-1BA80-0AA0 to the installed 1-phase, 24 V DC (for S7-300 and ET 200M), complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

OFFICIAL SOURCES

[Siemens official manufacturer documentation](#)

Local manufacturer PDF: 6ES7317-6FF03-0AB0.pdf

AMIKON PRODUCT SUPPORT

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