

Siemens 6AR1306-0HC00-0AA0 Manual

Brand	Siemens
Product Series	Siemens
Product Type	-

Description

The Siemens 6AR1306-0HC00-0AA0 power supply module provides flexible input and output options. This unit operates at 120 or 230 V AC and delivers output voltages of 5.1 V DC, 12 V DC, and -12 V DC, catering to various application needs.

Technical specifications for 6AR1306-0HC00-0AA0

Manufacturer Siemens

Product Line I/O Modules

Part Number 6AR1306-0HC00-0AA0

Input Voltage 120 V AC / 230 V AC

Output Voltage 5.1 V DC, 12 V DC, -12 V DC

Output Current 5.1 V at 12 A, 12 V at 5 A, -12 V at 0.5 A

Power Rating 3 kW (4 HP)

Operating Temperature -20°C to +60°C

Storage Temperature -40°C to +85°C

Humidity Tolerance Up to 95% relative humidity (non-condensing)

Cooling Mechanism Passive cooling system

Compatibility Siemens SICOMP systems

Environmental Ratings CE and UL/CSA certified

Description

The Siemens 6AR1306-0HC00-0AA0 is a robust power supply module designed for reliable functionality in various electronic systems. It accommodates input voltages of 120 V AC and 230 V AC, enabling versatility in installation. This module provides output voltages of 5.1 V DC, 12 V DC, and -12 V DC, making it compatible with multiple devices and applications. Specifically, it supports an output current of 12 A at 5.1 V, 5 A at 12 V, and 0.5 A at -12 V.

With a power rating of 3 kW, equivalent to 4 horsepower, it offers sufficient energy for demanding applications. Operating conditions range from -20°C to +60°C, ensuring stability in various environments, while the storage temperature extends from -40°C to +85°C. This unit tolerates humidity up to 95% relative humidity without condensation, allowing use in humid conditions. The passive cooling system effectively maintains operating temperature without the need for additional cooling hardware.

Measuring 100 mm in width, 80 mm in height, and 20 mm in depth, its compact design facilitates easy installation. Weighing roughly 3.51 lbs (1.59 kg), this module is lightweight yet durable. It is specifically designed for compatibility with Siemens SICOMP systems, ensuring cohesive integration into existing electrical setups. Furthermore, it meets CE and UL/CSA standards, confirming its compliance with international safety regulations, making it a reliable choice for a variety of industrial applications.

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