

# FANUC A06B-6120-H045 Manual

Brand	FANUC
Product Series	FANUC
Product Type	The FANUC A06B-6120-H045 is a power supply module designed for high-performance applications. It operates with a wide input voltage range of 400 to 480 VAC and has a rated output power of 50 kW.

## Description

The FANUC A06B-6120-H045 is a power supply module designed for high-performance applications. It operates with a wide input voltage range of 400 to 480 VAC and has a rated output power of 50 kW.

Technical specifications for A06B-6120-H045

Manufacturer FANUC

Product Line A06B

Part Number A06B-6120-H045

Weight 30.00 lbs (13.61 kg)

Description of Module Power Supply Module

Input Voltage 400-480 VAC

Input Current 92 A at 400 V

Input Frequency 50/60 Hz

Number of Phases 3-Phase

Output Voltage 565-679 VDC

Rated Output Power 50 kW

Maximum Output Current 20 A

Control Frequency 2.5 kHz

Ambient Operating Temperature 0°C to 55°C

Ambient Humidity 90% RH or less (No condensation)

## Description

The A06B-6120-H045 from FANUC is a specialized power supply module tailored for demanding industrial applications. This unit supports an input voltage between 400 and 480 VAC, which is crucial for ensuring compatibility with various setups. An input current of 92 A at 400 V provides significant power for larger systems operating on a three-phase electrical supply.

This module boosts efficiency with a rated output power of 50 kW, enabling it to handle substantial loads. Users can expect output voltages between 565 and 679 VDC, catering to high-voltage requirements. The maximum output current capacity is 20 A, sufficient for delivering robust energy to connected components. It operates at a control frequency of 2.5 kHz, benefiting applications that demand quick response times.

The A06B-6120-H045 module's ambient operating temperature ranges from 0°C to 55°C, allowing it to function effectively under various environmental conditions. Additionally, it can operate in environments with up to 90% relative humidity, provided there is no condensation. This specification ensures that the module can withstand high humidity settings often found in industrial environments without risk of damage.

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