A06B-6150-H100 FANUC 400-480VAC 110kW Alpha i Power Supply Datasheet

Brand: Fanuc

SKU: 1028754618319

Category: Electric Motors & Drives

Price: **$6,428.57**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/a06b-6150-h100-fanuc-400-480vac-110kw-alpha-i-power-supply

Product Description

The FANUC A06B-6150-H100 is a high-capacity Alpha i series power supply module, model PSM-100HVi, featuring a 110 kW rated output and a 400 V to 480 V AC three-phase input range. This high-voltage unit is constructed with a robust internal power board, designated as A16B-1008-0087, and utilizes a regenerative power system that returns energy to the source during motor deceleration. The hardware architecture includes integrated forced-air cooling fans, status monitoring LEDs, and a panel-mount chassis designed for high-density electrical cabinet integration. It provides a regulated DC link output between 565 V DC and 679 V DC to drive multiple downstream servo and spindle amplifier modules within a coordinated CNC architecture.

A06B-6150-H100 Specifications
Model Number: A06B-6150-H100
Brand: FANUC
Series: Alpha i (αi)
Model Name: PSM-100HVi (AIPS-100HV)
Input Voltage: 400 to 480 V AC
Input Phase: 3 Phase
Input Frequency: 50 / 60 Hz
Input Current: 206 A
Output Power Rating: 110 kW

Output Voltage Range: 565 to 679 V DC
Cooling Method: Forced-air cooling (integrated fans)
Mounting Type: Panel mount
Operating Temperature: 0 to 55 °C
Weight: 18.14 kg
Internal Power Board: A16B-1008-0087
Protection Features: Overvoltage, Overcurrent, Overheating, Short-circuit protection
Regeneration Type: Power regeneration (returns energy to line)
Compatibility: Alpha i series servo and spindle amplifiers

A06B-6150-H100 Applications

Primary applications include integration into large-scale CNC machining centers, multi-axis high-power milling machines, and automated production lines utilizing FANUC 0i or 3xi control systems. Deployed within heavy-duty industrial environments to provide the primary DC power backbone for high-torque spindle motors and synchronized servo drive arrays in precision lathes and grinding machinery.

Supplemental Images


FANUC
FANUC