

TOSHIBA

Toshiba Uninterruptible Power System(UPS) G9 Series Brochure & Specs

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Asd (289 pages)

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[Power Supply Toshiba 1600EP Series Instruction Manual](#)

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[Power Supply Toshiba QX7 Series Brochure & Specs](#)

Adjustable speed drives (6 pages)

Summary of Contents for Toshiba Uninterruptible Power System(UPS) G9 Series

[Page 1](#) ADJUSTABLE SPEED DRIVES G9 Series...

[Page 2](#) 25% of its rated power for use in stopping a heavy or high inertia load without dynamic braking resistors. The G9 can operate in open or closed loop controls. Toshiba's advanced vector control algorithm offers speed regulation of 0.1% sensorless and 0.01% with motor or process feedback.

[Page 3](#) With the real-time clock fault recording ability, the user can access up to 20 of the previous fault codes. Toshiba's "My Function" allows the user to access built-in PLC type logic. This allows basic logic function programming of the drive without the use of a PLC.

[Page 4](#) The G9 also provides torque control and drooping control functions to allow precise matching of motor torque for load sharing applications. Toshiba's G9 provides users with the most adaptable interface in the industry. With eight configurable discrete inputs that can be set to 67 different functions, each discrete input can provide normally open or normally closed operation, and its three multi-function analog inputs have independently adjustable bias and gain.

[Page 5](#) G9 Drive Model Range Voltage Rating Input Voltage Tolerance Voltage Regulation Main Circuit Voltage Feedback Control (Automatic Regulation, 'Fixed' and 'Control Off' Selections) PWM Carrier Frequency Adjustable 0.5 to 15 kHz (ASD Specific, Consult Factory) Control System Sine Wave PWM System - Flux field current vector control Open Loop Vector, Closed Loop Vector, Constant Torque, Variable Torque, Auto Torque Boost, Manual Torque Boost, V/f Pattern 5-Point V/f Custom Curve Setting Overload Current Rating 115% Continuous, 150% for Two Minutes up to 100 HP, Consult Factory for Ratings Above 100 HP Frequency Setting Rotary Encoder Integrated into EOI, 0 to 10 V, ± 10 V, 4 to 20 mA, Binary Input, Motorized Potentiometer Input Frequency Precision Analog Input $\pm 0.2\%$ of the Maximum Output Frequency, Digital Input $\pm 0.01\%$ of the Maximum Output Frequency Output Frequency Range 0 to 299 Hz Speed Regulation Closed Loop (Up to 0.01%, 1000:1 Speed Range), Open Loop (Up to 0.1%, 60:1 Speed Range) Eight Discrete Input Terminals Programmable to 67 Functions; Number of Terminals may be Increased Using Optional Discrete Input Terminals...

[Page 6: Product Warranty](#)

North American Headquarters & Manufacturing Facility (Houston, TX) TOSHIBA — Quality by Design Toshiba's culture and history are strongly rooted in quality. Our designs are technologically innovative, and our products are manufactured from start to end using only the highest quality domestic and foreign parts.

This manual is also suitable for:

Ras-s10cxRas-5115cxRas-10cxRac-s10cxRac-5115cxRac-10cx