

FlexDC Motion Controller

Technical Specifications

Dimensions 2U Enclosure	123mm H x 361mm W x 308mmD
Weight	5.2 kg (depending on configuration)
Up to 2 axes integrated	AB1A or AB5 driver cards, up to 16 elements per axis
Servo Rate	8kHz
DAC Output	+/- 10V, 16 bit
A quad B Encoder Input	One per axis
Sin/Cos Encoder with on board 8192 resolution interpolators	Optional (one per axis)
Discrete Inputs	One per axis

I/O

- 8 x Digital Isolated Inputs
- 2 x Digital Isolated Outputs
- 2 x Digital Fast Inputs
- 2 x Digital Fast Outputs



Communications

- RS232, CAN-open, Ethernet
- Full Binary, high baud rate, CAN Bus communication protocol
- ASCII Based RS232 Communication protocol

Environmental

- Ambient Operating Temperature: 0°C to 45°C
- Storage Temperature: Up to 70°C
- Operating Humidity: Up to 80% non-condensing

Power

- Universal Input Voltage: 100-240VAC 50-60 Hz
- Power Consumptions: 130VA max

