

Product Spec:

Input Voltage: 20-80VDC

Output Current: 15A peak / 7.5A cont.

Max Power: 600W

Control Interface: $\pm 10V$

Product Description:

The GTBL-15A80V PWM servo drive is designed to drive brushless and brush DC motors at a high switching frequency. The drive can interface with digital controllers or be used stand-alone, and requires only a single unregulated DC power supply. It can operate with three mode include current, duty cycle, velocity and tachometer velocity mode. For the device's operating status, it contains red and green LEDs indicates it. The drive also well design fully protected against over-voltage, over-current, short-circuits across motor, ground and power leads.



Main Features

- Four Quadrant Regenerative Operation
- Adjustable Max Output Current
- Selectable Operation Mode:
Current / Duty Cycle / Closed Loop Velocity
- Support Real-time Motor Current Monitor Interface
- Support Driver Fault Output Interface
- Support Hall Sensor / Tachometer Feedback Interface
- Support 120° / 60° Hall Sensor Position
- Support wild range motor working voltage (20-80VDC)
- Support brush and brushless DC motor

Hardware Protection:

- Over voltage (89VDC)
- Short circuit Protection for Phase to Phase / Phase to Ground
- Overheat Protection (65°C/149°F)

Product Dimension

- Product Size	140.8 x 84.8 x 26.8 (5.54 x 3.34 x 1.05)	mm(in)
- Weight	343 (12.09)	g(oz)
- Working Environment Temperature	0 – 65 (32 - 149)	°C (°F)
- Storage Temperature	-40 - 85 (-40 - 185)	°C (°F)
- Installation Type	Panel Mount	-

Product Part Number:GTBL – X 15 A 80V – XX

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1- Driver Type

GTBL Getron brushless/brush motors driver

GTB Getron brush motors driver

2- Velocity Feedback Support

E Support encoder and hall velocity feedback

N/A Only support tachometer velocity feedback

3- Peak Current

15 15A peak / 7.5A continuous current

25 25A peak / 15A continuous current

50 50A peak / 25A continuous current

4- Input Voltage

80V 20-80VDC

100 20-80VDC

200 40-175VDC

5- Other Customization Type

Plus Build-in full wave bridge rectifier with capacitance