



Wide voltage PWM DC brush motor governor: HQ-LB60-12A

[Applicable to DC12-60V low voltage permanent magnet brushed DC motor]

a) Working voltage: ultra-wide voltage (DC) DC12V-DC60V (limit 65V)

b) Control method:

- 1, the default potentiometer control (5K-100K feasible) default value of 10K;
2. The analog quantity is 0-5V control. (Unplug the XH2.54-3P potentiometer plug, connect the signal line to the middle leg of XH2.54-3P, and connect the ground line to the rightmost foot of XH2.54-3P).
- 3, MACH3 interface terminal supports external PWM signal input control speed regulation, external PWM input requirements are: level 3.5-12V VPP, frequency 1K-10KHZ, suitable for MACH3 spindle control speed regulation, (Note external PWM signal control needs to unplug XH2 The .54-3P potentiometer plug control takes effect, otherwise it cannot be controlled).
- 4) Rated current: 12A, overload short circuit protection current 15A. (Over current cutoff output, over current indicator flashes, potentiometer return indicator goes off, overcurrent protection is released).
- 5) Soft start function, to prevent the motor from starting the current too much, causing damage to the motor and the power supply (default 0 second soft start), 0-5 seconds adjustable.
- 6) Control power: 12V140W, 24V280W, 36V400W, 48V550W, 60V700W
- 7) Size: length 75mm * width 75mm * height 42mm (including copper column height, copper column height 6mm)
- 8) Net weight: 0.12KG
- 9)Pulse width modulation range: 0%-100%
- 10) The governor adopts humanized terminal blocks, which is convenient for users to flexibly connect.