

NEODYM[®] Multi-function DC Watt Meter

CE FC RoHS

➤ Brief introduction

Multi-function DC Watt Meter with Speed Controller are used to show the value of input voltage, output current and the pulse width of PCM speed controller by LCD screen. Value of power mA·h will be shown blinking on the LCD. RPM can be adjusted by an outside knob. The PCM signal controlled by a potentiometer is a high electrical level (time) with cycle $T=20\text{ms}$. The range of output value of high electrical level (time) when the adjusting knob is on the "High" side is 0.9ms~2.1ms. When the adjusting knob is on the "Low" side, the range is 1ms~2ms.

➤ Parameter

1. Size: 107 x 52 x 20mm;
2. Range of input voltage
Voltage: 3.3V~50V;
3. Range of output
current: 0~70A;
4. Cycle of pulse width-
20ms;
0.9ms~2.1ms(High
side); 1ms~2ms (low
side);

➤ How to use

1. Connect the power to the INPUT end. Pay attention to the polarity of the input power.
2. Connect the equipment under test to the OUTPUT end.
3. Connect the servo to the throttle signal line of ESC.
4. PWR-SET is the selection switch of interior BEC. Turn the switch upward---with BEC output; Turn the switch downward---No BEC output. For an ESC without BEC, just turn the switch upward to supply BEC for the ESC.
5. PCM-SET is the selection switch of pulse width: Turn upward: 0.9ms~2.1ms. Turn downward: 1ms~2ms.
6. PCM is the adjusting knob for pulse width.