



Product Application

This module can be used in the step-down field where the input voltage is higher than the output voltage, such as batteries, power transformers, DIY adjustable regulated power supplies, 24V car pen power supplies, industrial equipment step-down, 12V to 3.3V, 12V to 5V, 24V to 5V, 24V to 12V, 36V to 24V, etc.

Product Instructions

Self-calibration method of onboard voltmeter:

1. When the on-board voltmeter displays the output voltage, press and hold the right button for 2 seconds and then release, the voltmeter and the output voltage indicator "OUT" flash simultaneously, and then enter the output voltage adjustment mode; similarly, display in the voltmeter When inputting voltage, press and hold the right button for 2 seconds and then release, the voltmeter and the input voltage indicator "IN" flash simultaneously, then enter the input voltage adjustment mode;

Product Feature

- With power indicator
- With voltmeter display and voltmeter can be self-calibrated. Using a more advanced voltage microprocessor, the voltmeter error is $\pm 0.05V$, and the range is 0~40V. (Note: To ensure the accuracy of the voltmeter, please ensure that the input voltage is above 4.5V)
- Tap the button to switch between measuring the input and output voltage, and the indicator light shows which voltage is being measured, and save the settings, even after power off and then on.
- The voltmeter can be turned off, and it can be easily realized by tapping the left button when it is not needed.
- With wiring terminals, it can be used conveniently without a soldering iron, and the wire connection points are reserved.
- Input voltage 4.0~38V. (The input voltage must be 1.5v higher than the output voltage)
- Adjustable output voltage range is continuously adjustable from 1.25V to 35V. (The input voltage must be 1.5V higher than the output voltage)
- The output current can reach 5A, it is recommended to use within 4.5A.
- The output power can reach 75W.
- High conversion efficiency, up to 96% (efficiency is related to input, output voltage, current, pressure drop)
- Load adjustment rate $S(I) \leq 0.8\%$, voltage adjustment rate $S(u) \leq 0.8\%$
- With overheat protection and short circuit protection
- Size 60*37*18mm
- Weight 28g