LM2596HVS Adjustable Voltage Reduction Power Supply Module Constant Current and Voltage LED Light Driver Lithium Battery Charging Voltage Regulator Board



Module parameters:

Size: (L * W * H) 4.80 * 2.40 * 1.4 centimeters/1.89 inches * 0.94 inches * 0.55 inches

Input voltage: 5V to 60V Input voltage (must be 2V higher than the output voltage)

Output current: Maximum rated current of 2.5A/3A (requires radiator)

Output voltage: 1.25-30V (adjustable)

Output power: Maximum 15W at maximum voltage

Output short circuit protection: Yes, constant current (constant current setting value)

Input reverse polarity protection: Yes,

Constant current range: 0.2-3A (adjustable, default transmission 1A)

Turn signal current: constant current value * (0.1), turn signal current constant current value linkage

Wiring method:

Input method: IN+ input positive stage, IN - input negative electrode

Output method: OUT+ output positive stage, OUT - output negative electrode

Wiring method: Welding, after adding pins, it can be directly soldered onto the PCB

Stepless regulation of output voltage

Stepless adjustment of output current

LED indicator light, red under load/green under no-load, very low idle power consumption, about 10mA (0.01)

Application:

The charger is suitable for all batteries within the range of 1.23V to 28V, simply set the precise battery voltage and charging current

High conversion rate when using cars

Adjustable laboratory voltage source

Constant current LED driver

Dimming device

Laboratory power supply