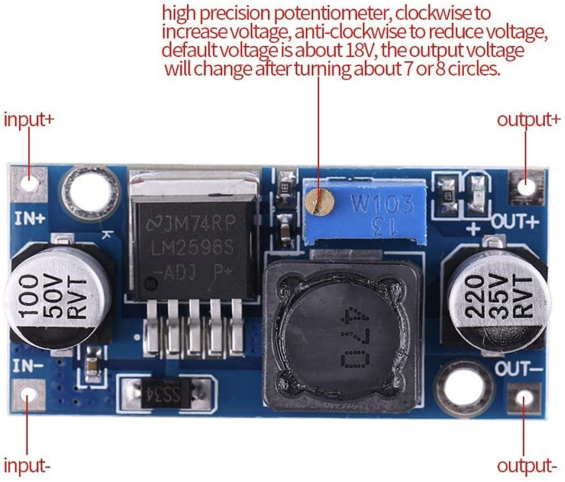
Buck Voltage 3A Adjustable Step-Down Module (LM2596)





Module Performance and Features

Module property	Non-isolated buck module
Input voltage	3.2-40V (try not to exceed 38V as input)
Output voltage	1.25-35V continuously adjustable
Output current	0-3A
Working temperature	-40~+85 degrees
Working frequency	180KHz
Conversion efficiency	up to 92% (efficiency related to input, output voltage, current, voltage difference)
Switching frequency	65KHz
Output ripple	<30mV
Short circuit protection	Limited current 8A
Over temperature protection	Automatically turn off the output after over temperature
Input reverse connection protection	None, (If necessary, please input a large current diode in the input string)
Installation method	Install by 2pcs 3mm screw
Module size	43mm * 21mm * 14mm (length*width*height)
Weight	16g

Note: This is a step-down module. The input voltage must be higher than the output voltage.