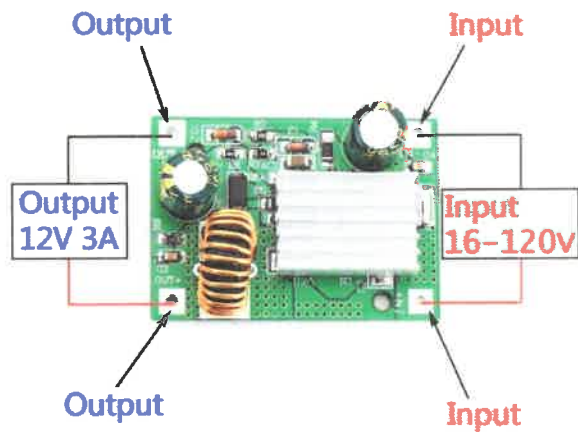


BUCK MODULE IN:16-120VDC. OUT:12VDC 3A

This small synchronous switching step-down (or buck) regulator takes an input voltage of 16 - 120V and efficiently reduces it to 12 V. The board measures only 30 x 42mm yet delivers typical maximum continuous output currents of up to 3A. The regulator also features short circuit protection, overvoltage protection, and over temperature protection.



Quick Spec

Input Voltage: DC 16V-120V

Output Voltage: DC12V

Output Current: 3A

Output Power: 36W

Conversion Efficiency: $\pm 96\%$

Working Frequency: 140KHz

Soft Starter: Yes (Failure at high power load)

Over Temperature Protection

Overvoltage Protection

Short Circuit Protection

Working Temperature Range: $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$

Working Humidity Range: 0%-95%RH

Dimensions: 42 x 30 x 17mm

Net Weight: 15g