

Shenzhen Hanheng Technology Trading Co., Ltd.

Product Overview

The XL7015 DC-DC step-down module is a high-efficiency, high-voltage buck converter capable of delivering up to 0.8A output current with low ripple, excellent line and load regulation. It supports a wide input voltage range of up to 80V, significantly higher than conventional modules such as LM2596. The module integrates multiple built-in protection features, making it ideal for applications such as electric vehicle controllers, industrial power systems, and high-voltage equipment.

Key Features

- Wide input voltage range: 5V to 80V
- Adjustable output voltage: 5V to 20V
- Low dropout voltage: 1V
- Maximum switching current: 0.8A
- Recommended output power: < 7W
- Built-in thermal shutdown, short-circuit protection, and over-current protection
- Outstanding line and load regulation performance

Hardware Specifications

- Board Dimensions: 16mm x 44mm

Pin / Wiring Guide

- VIN – Input voltage (5V–80V)
- GND – Power ground
- VOUT – Output voltage (5V–20V)
- GND – Output ground

Precautions

- The module does not include a battery due to international shipping regulations.

