

XL4015 5A Constant Current / Voltage LED Drives Lithium Battery Charging Module

slug-5a-constant-current-voltage-led-drives-lithium-battery-charging-module



TECHNICAL SPECIFICATIONS & SUMMARY

[Step Down Buck Converter] XL4015 5A DC-DC Buck Converter Constant Current & Constant Voltage Lithium Battery Charging Module (75W) Adjustable Output - CC/CV Mode - Up to 5A Output - Ideal for Battery Charging & LED Driver Applications The XL4015 5A DC-DC Buck Converter Module is a high-efficiency step-down (buck) voltage regulator designed for applications requiring constant voltage (CV) and constant current (CC) operation. Based on the reliable XL4015 switching regulator IC, this module provides an adjustable output voltage from 1.25V to 36V with output currents up to 5A and a maximum output power of 75W. The module features independent adjustment for both output voltage and output current, making it ideal for charging lithium-ion batteries, LiFePO batteries, lead-acid batteries, and NiMH battery packs. It can also be used as a high-power LED driver, laboratory power supply, solar charging controller, and various DIY electronics projects. Built-in current limiting, short-circuit protection, and over-temperature protection ensure reliable and safe operation.

UNIT PRICE (EX. GST)

Rs. 139

WITH 18% GST

Rs. 164

In stock: 10 units - HSN: 85044090
Order online at uniksystem.in for bulk pricing.