

TDT LiFePO4 LFP 4S 12.8V 10A Battery Management System

Slug: tdt-lifepo4-lfp-4s-12-8v-10a-battery-management-system



TECHNICAL SPECIFICATIONS & SUMMARY

[Lithium Battery Protection Board] The TDT LiFePO4 LFP 4S 12.8V 10A Battery Management System (BMS) is designed to protect and manage 4-cell LiFePO4 battery packs (12.8V nominal). It ensures safe charging and discharging by providing multiple protection functions, improving battery life and safety. This BMS board is ideal for solar energy storage, backup power systems, DIY battery packs, electric vehicles, power banks, and inverter systems using LiFePO4 cells. The board continuously monitors each cell voltage and controls charge/discharge current to prevent damage caused by overcharging, deep discharge, overcurrent, or short circuits. Key Features Designed for 4S LiFePO4 (12.8V nominal) battery packs Continuous discharge current: 10A Overcharge protection Over-discharge protection Overcurrent protection Short-circuit protection Cell balancing function Compact and lightweight design Improves battery safety and lifespan Technical Specifications Brand: TDT Battery Type: LiFePO4 (LFP) Series Configuration: 4S Nominal Voltage: 12.8V Maximum

UNIT PRICE (EX. GST)

Rs. 165

WITH 18% GST

Rs. 195

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