

TDT 10S 20A NMC Battery Protection and Charger BMS with Balance Hardware

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TECHNICAL SPECIFICATIONS & SUMMARY

TDT BMS NMC 10S 20A WITH BALANCE Hardware Product Data Sheet The BMS NMC 10S 20A WITH BALANCE (TDT) is a robust and efficient Battery Management System designed for 10-series (10S) lithium-ion NMC battery packs. With a nominal system voltage of 37V and a continuous current capacity of 20A, this module ensures safe and stable operation of high-performance battery packs used in e-mobility, energy storage, and industrial tools. Technical Specifications Battery Chemistry: Lithium-ion (NMC) Configuration: 10S (10 cells in series) input Voltage B+ to B-: -0.3~+20V Overcharge Detection voltage/1CELL: 4.28+/-0.05V Over discharge Detection voltage/1CELL: 2.8+/-0.1V Over current: 4-6A Suggest working temperature: -20 deg C~+60 deg C Key Features 20A High Current Support Perfect for mid-to-high power battery packs used in electric bikes, scooters, power tools, and solar inverters. Built-in Balancing Function Automatically maintains uniform voltage across all cells to extend overall battery life. Comprehensive Protections Protects against overcharge,

UNIT PRICE (EX. GST)

Rs. 649

WITH 18% GST

Rs. 766

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