



MuscleGrid 8S Active Balancer

Capacitive cell equalizer · up to 8S · LiFePO4 / Li-ion / LTO · Datasheet

Capacitive active equalizer that transfers energy between cells to hold the pack in balance across multiple chemistries. It detects voltage differences and redistributes charge automatically with minimal heat — ideal for EV battery systems, solar storage and custom lithium builds.

Technical specifications

Type	Capacitive active balancer / equalizer
Supported cells	up to 8S (series)
Cell voltage range	1.8 – 4.5 V
Balance current	up to 5A (0–5.5A)
Voltage accuracy	±5 mV
Chemistry	LiFePO4 / Li-ion / LTO
Standby / working	<0.1 mA sleep · ~12 mA active
Design	Plug & play module
Suited for	30Ah–300Ah packs · e-rickshaw · e-bike · solar
In the box	Balancer board + balance-lead harness

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