



Cleaning Vehicle Battery

25.6V - 104Ah

Easy. Safe. Efficient



Anti-Walk
Function



Heating
Function



Smart Battery
Management System



4G
Module

BTR-MV-25.6V-104Ah



TommaTech LiFePO4 batteries ensure safety during charging with the Anti-Walk Function, while the optional heating feature provides optimum charging performance even at low temperatures down to -20°C. With an IP65 protection level, they are durable in all weather conditions. The real-time SoC indicator allows safe usage. Thanks to a cycle life of 4,000+, constant power output, and the smart BMS system, they offer long lifespan and high performance. With the 4G module, location and remote battery status monitoring are possible. All these features are secured with a 5-year warranty.

VOLTAGE - CAPACITY**BTR-MV-25.6V-104Ah**

Nominal Voltage [V]	25,6
Nominal Capacity [Ah]	104
Nominal Energy [Wh]	2662
Recommended Charging Current [A]	52
Maximum Charging Current [A]	104
Maximum Charging Voltage [V]	28,4
Maksimum Şarj Gerilimi [V]	29,2
Recommended Discharging Current [A]	52
Continuous Discharging Current [A]	104
Maximum Discharging Current [A]	208A for 30s
Discharge Cut-off Voltage [V]	22,4±0.2

BATTERY / CELL

Cycle Count	4000
Gravimetric Energy Density [Wh / Kg]	165
Volumetric Energy Density [Wh / L]	350
Internal Resistance [m]	0.27-0.40

STANDARD

Overcharge Protection	Yes
Overdischarge Protection	Yes
Overcurrent Protection	Yes
Short Circuit Protection	Yes
Overtemperature Protection	Yes
Temperature Sensor	Yes
Adjustable Charge / Discharge Current	Yes
Battery Chemistry	LFP Prismatic
Security	IEC 61960 / 62133-2 / TS EN 61427-1

OPERATING CONDITIONS

Charging Temperature [°C]	0 ~ +60
Discharging Temperature [°C]	-20 ~ +60
Storage Temperature [°C]	0 ~ +35
Humidity (Non-condensing)	Maximum 85%
Protection Class	IP65
Planned Product Lifetime [Year]	>10
Warranty Period [Year]	5

* Bu dokümanda belirtilen veriler ve teknik özellikler ön bilgilendirme amaçlı olup, ürünlerin kullanım şekli, sistem tasarımı ve ortam koşullarına göre değişkenlik gösterebilir.