



Tiger[®]

LITHIUM

36V

TLMD36-060

MARINE DEEP CYCLE

LITHIUM IRON PHOSPHATE BATTERY



PRODUCT OVERVIEW

Dual-voltage power for 36V trolling motors and compatible sonar modules, and compatible marine electronics with Bluetooth[®] monitoring and premium marine construction.

5+1 LIMITED WARRANTY

5 years standard
+ 1 with registration.

SENTINEL-LNX™ APP

Real-time monitoring
and battery control.

36V + 28V DUAL VOLTAGE

Power your trolling motor
and sonar module.

IP67 INGRESS PROTECTION

Sealed against
water and dust.

3500+ CYCLES

Engineered for long
service life.

ONE BATTERY DUAL VOLTAGE OUTPUT

APPLICATIONS



FISHING BOATS



TROLLING MOTORS



SONAR MODULES



LIVE IMAGING



MARINE ELECTRONICS



GOLF CART / LSV

5+1 YEAR LIMITED WARRANTY

UNMATCHED RELIABILITY. TOTAL PEACE OF MIND.

Built for dependable performance and backed by a 5+1 Year Limited Warranty and dedicated Tiger Lithium support.

TECHNICAL DASHBOARD

Quick answers to the most important questions.



ELECTRICAL

Nominal Voltage	38.4 V
Capacity	60 Ah
Energy	2304 Wh
Operating Voltage	30 V to 43.2 V
Cell Configuration	12S4P



DISCHARGE

Continuous Discharge	120 A
3 Second Discharge	240 A
10 Second Discharge	144 A
Discharge Temperature	-4°F to 140°F (-20°C to 60°C)



CHARGING

Recommended Charge	10 A
Maximum Charge	30 A
Recommended Voltage	43.2 V ± 0.2 V
Charge Temperature	32°F to 131°F (0°C to 55°C)



PHYSICAL

Weight	39.9 lb (18.1 kg)
Terminal Type	M8 & M5 Female
Terminal Sets	Two (One M8, One M5)
Case Material	Polycarbonate & ABS
State of Charge (SOC) Meter	Yes
Dimensions	13 × 6.8 × 9.3 in 330 × 173 × 235 mm



BATTERY PROTECTION

Over-Charge	Protected
Over-Discharge	Protected
Over-Current	Protected
Short-Circuit	Protected
High Temperature	Protected
Low Temperature	Protected
Cell Balancing	Automatic



KEY ADVANTAGES

- ✓ Dual-voltage output for trolling motors and electronics
- ✓ Simplifies wiring by eliminating the need for external regulators
- ✓ High continuous output for demanding systems
- ✓ Monitor battery status and performance with Sentinel-LNX™
- ✓ Automotive-grade LiFePO₄ cells engineered for long service life
- ✓ Premium marine-grade construction
- ✓ Integrated Smart BMS continuously protects battery operation



PRODUCT NOTES

Direct alternator charging is not supported.
Primary M8 terminals provide 36V battery output
Secondary M5 terminals provide regulated 28V output for sonar modules.
Verify the operating voltage of all connected equipment before install.
Register within 90 days to receive the additional warranty year.
Refer to the User Manual before installation.



SUPPORTED CONFIGURATIONS

Series	Up to 1 Battery (36 V)
Parallel	Up to 4 Batteries (240 Ah)

Use identical batteries of the same model, capacity, age, and state of charge.



CERTIFICATIONS

UL 1642 (CELLS) • IFT NYTIDB26-016691 • UN38.3 • FCC • RoHS • CE



TIGERLITHIUM.COM

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RESOURCES: tigerlithium.com/resources

Specifications and product information are subject to change without notice.