



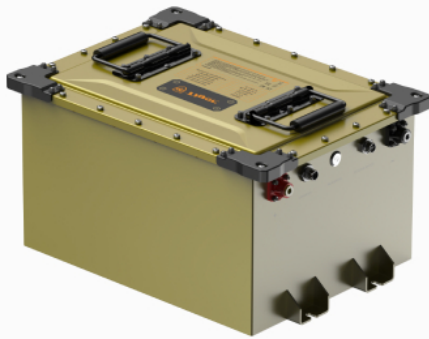
Tiger
LITHIUM

48V

TLGC48-075

GOLF CART / LSV

LITHIUM IRON PHOSPHATE BATTERY



PRODUCT OVERVIEW

Purpose-built for golf carts, LSVs, and utility vehicles where space is limited. Premium automotive-grade construction and CAN communication deliver dependable performance with future expansion capability.

10 YEAR WARRANTY

Extended coverage you can count on.

CAN COMMS

CAN communication for smart charging.

REMOTE WAKE

Remote wake via the included key switch.

COMPLETE SYSTEM

Charger, DC converter, gauge, and hardware.

TWIN POWER

Parallel two batteries for 150Ah and 300A output.

SMALLER FOOTPRINT
MASSIVE PERFORMANCE

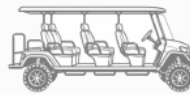
APPLICATIONS



GOLF CARTS



UTILITY VEHICLE (UTV)



6 PASSENGER LSV



OVERLAND & RV



OFF-GRID SOLAR

10 YEAR LIMITED WARRANTY

UNMATCHED RELIABILITY. TOTAL PEACE OF MIND.

Built for dependable performance and backed by a 10 Year Limited Warranty and dedicated Tiger Lithium support.

TECHNICAL DASHBOARD

Quick answers to the most important questions.



ELECTRICAL

Nominal Voltage	51.2 V
Capacity	75 Ah
Energy	3840 Wh
Operating Voltage	40 V to 56.8 V
Cell Configuration	16S5P



DISCHARGE

Continuous Discharge	150 A
3 Second Discharge	500 A
30 Second Discharge	250 A
240 Second (4 mins) Discharge	210 A
300 Second (6 mins) Discharge	180 A
Discharge Temperature	-4°F to 140°F (-20°C to 60°C)



CHARGING

Recommended Charge	15 A
Maximum Charge	25.5 A
Recommended Voltage	56.8 V ±0.2 V
Charge Temperature	37°F to 131°F (3°C to 55°C)



PHYSICAL

Weight	85 lb (38.8 kg)
Terminal Type	M8 Female
Terminal Sets	One
Case Material	Steel
Remote Wake Switch	Yes
Dimensions	15 x 13 x 10.3 in 380 x 330 x 260 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

- ✓ Complete installation kit included
- ✓ Exceptional power for steep grades and heavy loads
- ✓ High continuous and peak current output
- ✓ CAN-enabled smart charging and communication
- ✓ Premium automotive-grade LiFePO₄ cells
- ✓ Smart BMS continuously protects battery operation
- ✓ Ideal for golf carts, LSVs, and utility vehicles



PRODUCT NOTES

Includes 15A CAN charger, DC converter, dash gauge, and remote wake switch.

Two batteries in parallel create a 48V 150Ah system capable of 300A continuous output.

Parallel operation supports up to two batteries. Serial operation is not supported.

Refer to the User Manual before installation.



SUPPORTED CONFIGURATIONS

Series	Not Supported
Parallel	Up to 2 Batteries (150 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.