



Tiger
LITHIUM

3-BANK

TLMC3B12121636T

AC ON-BOARD

12V + 12V / 16V + 36V CHARGER



PRODUCT OVERVIEW

A versatile, fully potted 3-bank charger designed to charge a complete multi-battery marine system from a single compact charger. Independent charging profiles support 12V lead acid, AGM and lithium batteries, plus 16V and 36V lithium batteries.

2 YEAR LIMITED WARRANTY

Reliable coverage for lasting confidence.

MULTI-CHEMISTRY FLEXIBILITY

Lead acid, AGM & lithium profiles.

LITHIUM WAKE FUNCTION

Wake deeply discharged lithium batteries.

TIGER LITHIUM™ OPTIMIZED

Maximize Tiger Lithium™ battery performance.

IP67 PROTECTION

Fully potted for demanding environments.

ONE COMPACT CHARGER THREE-BATTERY SYSTEM

APPLICATIONS



BASS BOATS



INSHORE BOATS



OFFSHORE BOATS



YACHTS



OVERLAND & RV

2-YEAR LIMITED WARRANTY

UNMATCHED RELIABILITY. TOTAL PEACE OF MIND.

Built for dependable charging and backed by Tiger Lithium support for lasting peace of mind.

TECHNICAL DASHBOARD

Quick answers to the most important questions.



ELECTRICAL

AC Input Voltage	AC 105-125V, 60 Hz
Power Cord Plug	3-Prong Grounded
Power Cord Length	5 ft / 1.52 m
Charging Leads Length	6 ft / 1.83 m
Output Ring Terminals	5/16 in / 8mm



CHARGING PROFILES

12V Lead Acid	14.4V +0.2V Peak Voltage
12V AGM	14.6V +0.2V Peak Voltage
12V Lithium	14.4V +0.2V Peak Voltage
16V Lithium	17.75V +0.2V Peak Voltage
36V Lithium	43.2 V +0.2V Peak Voltage



CHARGING

Bank 1	12V LA, AGM, or Lithium @ 15A
Bank 2	12V or 16V Lithium @ 15A
Bank 3	36V Lithium @ 10A



PHYSICAL

Weight	24.3 lb (11 kg)
Case Material	Cast Aluminum
Ingress Protection	IP67
Cooling Fan	Thermostat-Controlled
Dimensions	16.5 x 9.5 x 4 in 419 x 241 x 102 mm



CHARGER PROTECTION

Battery Detection	Automatic
Reverse-Polarity Protection	Integrated
Over-Temp Protection	Automatic
Short-Circuit Protection	Integrated
Over-Voltage Protection	Automatic
No-Load Output	Disabled



KEY ADVANTAGES

- ✓ Selectable chemistry on Bank 1
- ✓ Switchable 12V / 16V lithium on Bank 2
- ✓ Dedicated 36V lithium charging on Bank 3
- ✓ Fully potted for protection against moisture and vibration
- ✓ Lithium battery wake functionality
- ✓ Safe battery detection before charging begins
- ✓ Integrated thermostat-controlled cooling fan



PRODUCT NOTES

Bank 1 supports selectable 12V Lead Acid, AGM, or lithium charging profiles.
Bank 2 supports switchable 12V or 16V lithium charging profiles.
Bank 3 supports 36V lithium charging.
Includes pre-installed output leads, ring terminals, ATM inline fuse holders, and fuses.
Refer to the User Manual before installation.



SUPPORTED BATTERIES

Bank 1	(Qty. 1) 12V Lead Acid, AGM or Lithium Battery
Bank 2	(Qty. 1) 12V or 16V Lithium Battery
Bank 3	(Qty. 1) 36V Lithium Battery

Confirm battery-charger voltage compatibility before use.



CERTIFICATIONS

NOM NYCE • RoHS • CE



TIGERLITHIUM.COM

PH. (972) 698-4437

RESOURCES: tigerlithium.com/resources

Specifications and product information are subject to change without notice.