Millertech®

PERFORMANCE LITHIUM BATTERIES

DUAL CHARGER

12V15A-36V15A
On-Board Lithium
Battery Charger

Item# 1215-3615

USER MANUAL

millertechenergy.com

Thank You!



For your business, your trust, and confidence in Millertech®.

IT IS OUR PLEASURE TO SERVE YOU!





Millertech®

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Charger Specifications

Nominal AC Input Voltage	105-125V AC
Nominal AC Input Frequency	60Hz
Output	12V/15A; 36V/15A
Product Size	10.47” x 9.64” x 3.89”
Charging Battery Type	12V bank for $LiFePO_4$/lead-acid/AGM selected with **MODE** button; 36V bank for $LiFePO_4$ only
LED Indicators	Power, battery type, charging status
Activate Function	Wake up function for low voltage of lithium battery. Before activating, connect the AC cord with the electrical outlet first and choose lithium battery type, then press the **MODE** button on the bank panel for 3-5 seconds to start this function, then connect DC output terminals to batteries to begin charging.
Cooling Type	Aluminum housing, aluminum stretched plate and waterproof cooling fan at the bottom of product for better heat dissipation.
Ingress Protection	Filled with pure epoxy resin for high waterproof level IP67
Circuit Protection	Short-circuit protection, reverse connection protection, overcharge protection, over-temp protection
Working Temperature Range	–4°F to 104°F
Nominal Working Temperature	77°F

Product Overview



1. 12V15A - 36V15A On-Board Lithium Battery Charger
2. Anderson Quick Connect 50A to M8 Ring Terminals

WATERPROOF & DUST RESISTANT
Aluminum case makes it practically impervious to water, dust and vibration damage.

BOAT MOUNTED
IP65 waterproof-rated lithium battery chargers are designed to be permanently mounted in your boat.

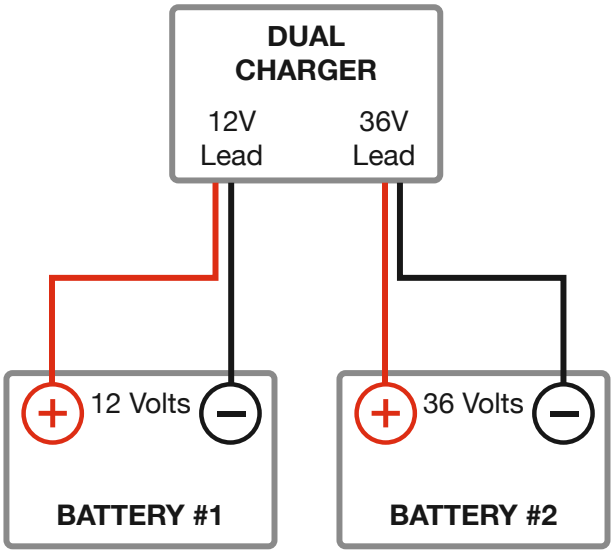
INSTALLATION

Note: Follow these steps before connecting to the batteries!

- Plug the charger into AC power, all **POWER** indicators will light up.
- Short press **MODE** to choose battery type.
- Connect the output DC connectors to the battery terminals. The power level indicators will light.

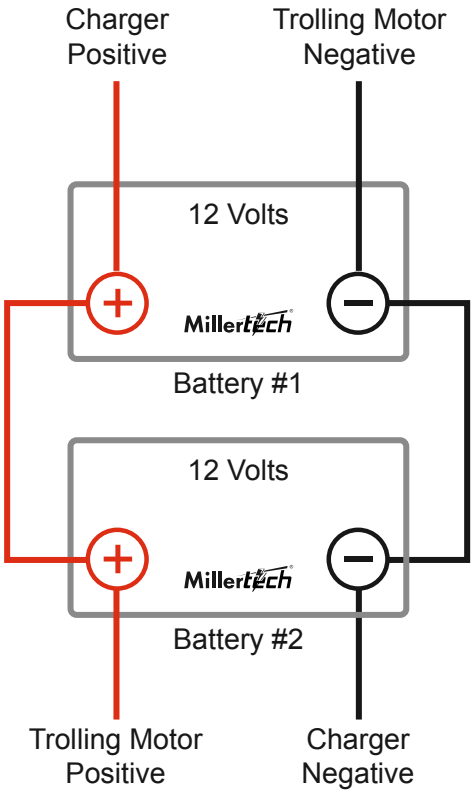
TWO BATTERY INSTALLATION

Connect the lead marked 12V to your 12V battery and the lead marked 36V to your 36V battery.



PARALLEL BATTERY INSTALLATION

If the charger is connected to multiple batteries in parallel, connect the positive lead to battery 1 and the negative lead to battery 2. Alternate the positive and negative leads from your loads (electronics, trolling motor, etc.) to the opposite battery. Please refer to the diagram below.



LED Indicator

When the charger is connected to AC voltage and the output cable is not connected to anything, the LED power indicator on the panel will be solid on. Select the battery type to be charged by pressing the mode button.

INDICATORS

	AC power is connected and charger standby.
	Short press to select the battery type to charge.
	25% charge
	50% charge
	75% charge
	Fully charged

ACTIVATE FUNCTION

NOTE: Do all settings before connecting with batteries!

For fully depleted lithium batteries which can not be charged, follow these steps:

- Plug the charger into AC power, all power indicators will light.
- For the 12V bank, short press **MODE** and choose **LITHIUM**, then press and hold MODE for 3-5s until LED is flashing to wake up BMS.
- For the 36V bank, press and hold **ACTIVATE** for 3-5s until LED is flashing to wake up BMS.
- Connect the output DC rings with the battery terminals.

Troubleshooting



WILL NOT CHARGE:

- Ensure AC power is sufficient for the charger.
- Unplug charger from AC source, wait until all lights on the charger go out and plug in again.
- Ensure battery is not already fully charged.
- Check battery app for faults/error messages.



The Millertech Sports Series Lithium Charger Three-Year Guaranteed Warranty is Simple!

TERMS:
From the date of your charger purchase through year number three of ownership, your charger is covered. If it stops working during this time, we will repair or replace it with a charger of equal or greater value for **FREE!**

SHIPPING:
We cover all shipping costs associated with shuttling your charger back and forth for repair or replacement. It is our warranty; it is our cost — not yours.

EXCLUSIONS:
THERE ARE NONE! You trusted Millertech, and if it's within the warranty period, your Millertech charger is completely covered for everything!

PROOF OF PURCHASE:
You don't need one. If it's Millertech, it's covered!

Millertech®

PERFORMANCE LITHIUM BATTERIES

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