



# QuietTorque™ 15.0LC

Clean, Green, and Quiet!

*Electric propulsion systems engineered and built by sailors for sailors since 2007!*

The **QuietTorque™ 15.0LC** recommended for boats up to 40' (LOA) and 15,000lbs displacement. Typically programed and sized to push boat at cruising or harbor speed. Typical battery size is 400Ah 48v or more.

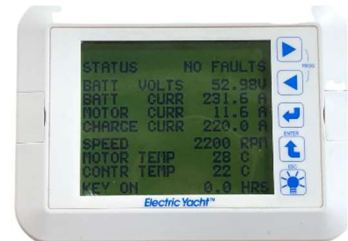
## Specifications

Motor type	PMAC*brushless motor
Cooling	Liquid Cooling
Voltage	48 volts
Current	600 amps
Max power input	15.0 kW
Shaft size	¾ to 1½ inch and metric stainless steel
Weight	55 pounds
Frame	Anodized Aluminum & ss

\*Permanent Magnet Alternating Current

## Standard Features

Motor Mounts	Adjustable Mounts to current engine stringers
Throttle	SS waterproof throttle with key & neutral lock
System Monitor	High capacity programmable monitor <ul style="list-style-type: none"> <li>• State of charge</li> <li>• Voltage, Current draw, RPM, battery type</li> <li>• Instant and accurate</li> <li>• Distance to discharge</li> <li>• Programmable regeneration</li> <li>• Throttle direction and throw</li> </ul>
Shaft coupler	Stainless steel coupler milled to match prop shaft
Power Switch	Blue Sea two position switch
Relay	500amp vacuum Tyco relay
Fuse	Class-t fuse & holder



## Why Electric Yacht

- UNPARALLELED CUSTOMER SERVICE AND ENGINEERING
- Computer generated marine projections
- Three year warranty
- Designed for customer installation



The **QuietTorque™ 15.0LC** is very complete and includes everything you will need except batteries, battery cables and charger. Contact us directly for help designing a complete system to meet your needs.

# Application Guide:



## Where is the QT 15.0 most appropriate?

- Monohull sailboats up to 15,000 lbs replacing diesel engines up to 30hp
- Launches and other displacement mode power boats up to 10000 lbs
- Installations often use portable generator to extend range
- Sailboats for weekend sailing and occasional coastal cruising trips

## Ordering Options:

**Standard throttle and monitor control (+\$0 USD)** is appropriate in most



cases. The exposed metal parts are made of Stainless steel and Al for long life in a marine environment. The unit incorporates a neutral lock to prevent accidental operation. Designed to provide many years of dependable operation.



**The optional handle style throttle control (+\$200 USD)** for

a more traditional look or a longer reach is needed. Exposed metal parts share the same Stainless steel and Al construction as our standard throttle. The unit incorporates a neutral lock.



**The optional larger monitor (+\$250 USD)** larger monitor providing larger display and programing functions



**The optional Binnacle Mount (+\$295 USD)** is

appropriate for boats with wheel steering. It is designed to attach to the 1" grab rail that surrounds most binnacles. It can also attach directly to a binnacle post if no rail is present. It is supplied with longer 20' cables and is ready to install on your binnacle.

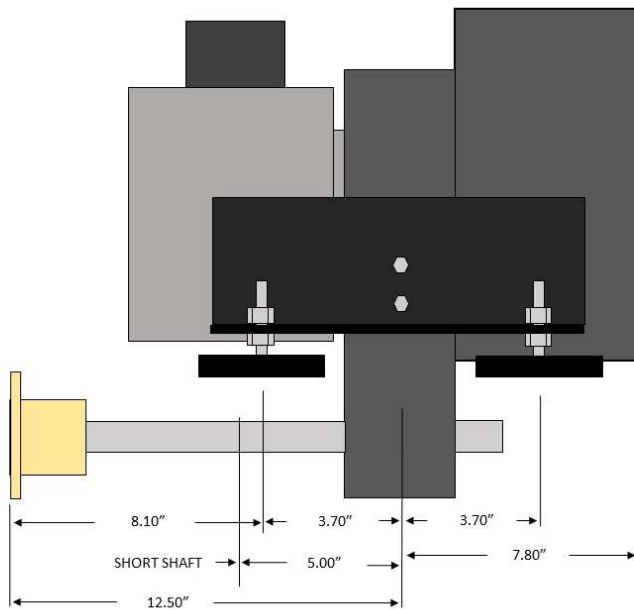
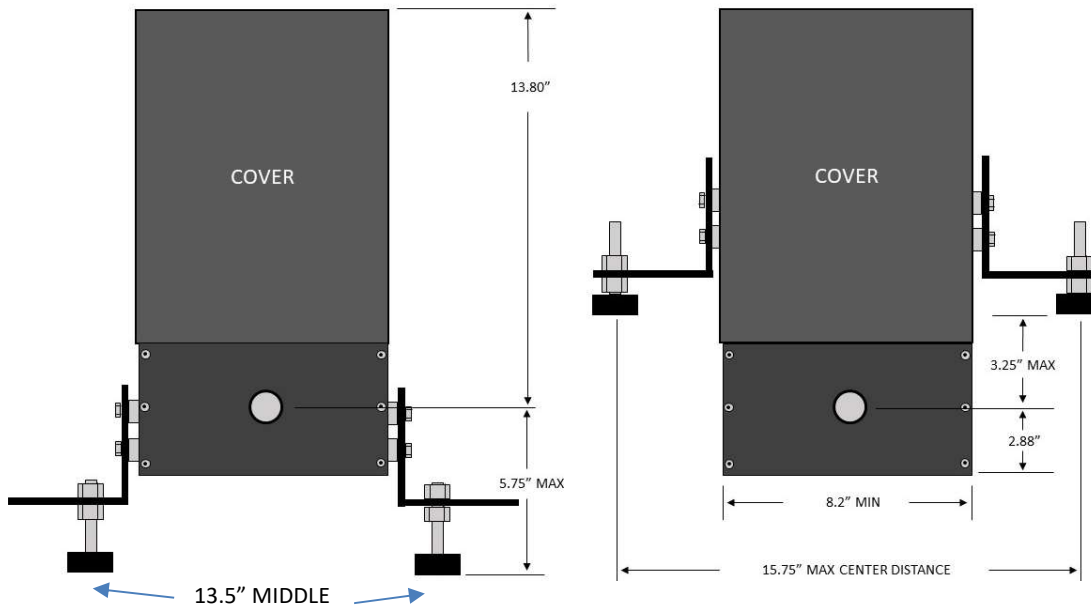


**The optional Current Sensor (+\$195 USD)** is

recommended when a generator and/or solar is used to extend range. The current sensor measures charging current and will give correct State of Charge (SOC) and Time to Discharge (TTD) readings by capturing the power being generated. It is installed between the output of the generator (or generator powered battery charger) and the battery. While not necessary for occasional usage, it is recommended for use with portable generators.



# QuietTorque 15.0LC Dimension Data



**NOTES:**

1. Motor can be supplied with output shaft shortened by up to 7.5"
2. Multiple reduction ratios between motor and output shaft can be supplied  
Allowing for maximum shaft speed from 900 RPM to 1800 RPM



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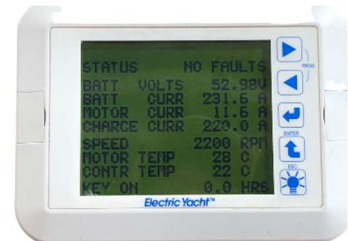
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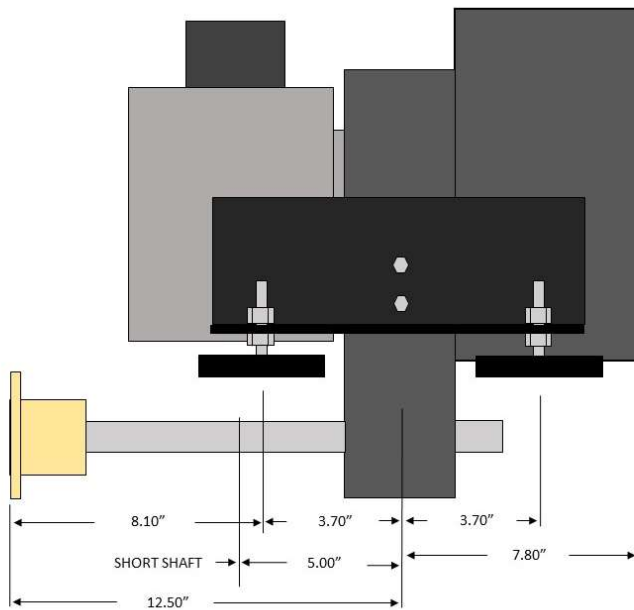
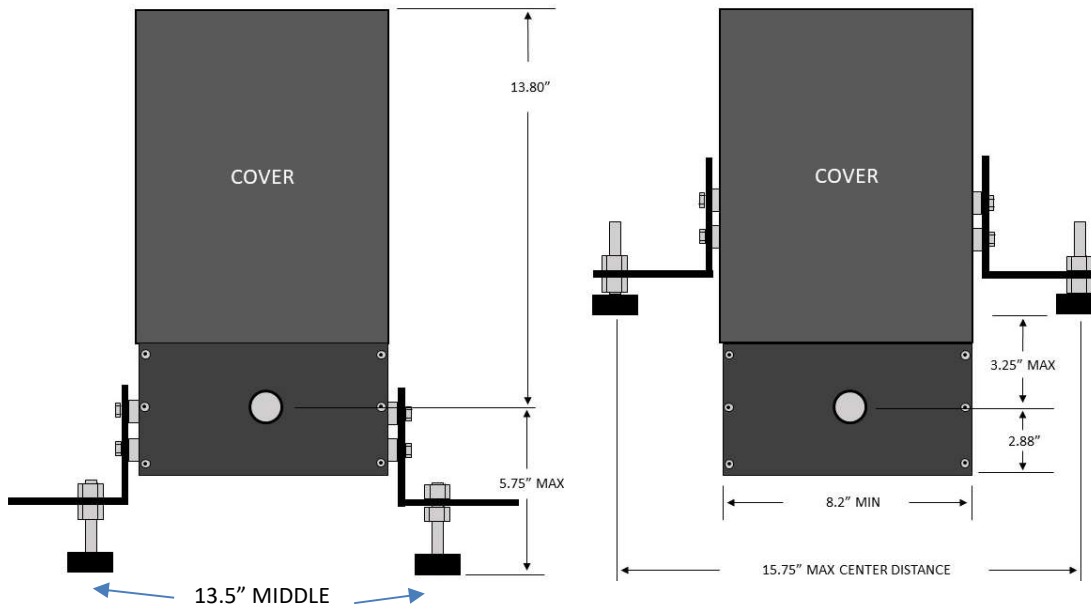


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