

# FLUX MARINE



100% Electric Outboards

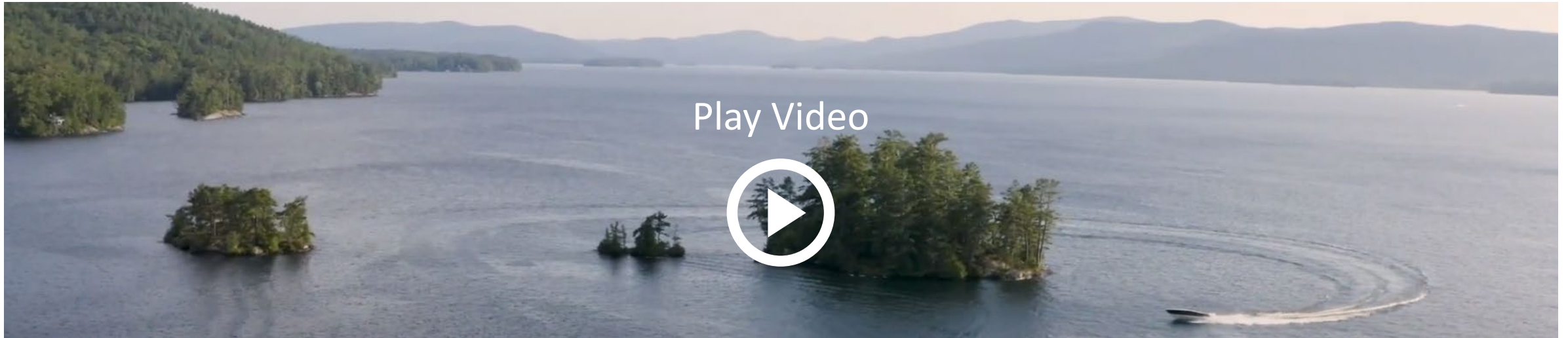


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[Company Introduction](#)



# Advancing electric propulsion technology to deliver the world's best boating experiences.



Flux Marine started in 2020 with a clean slate technology approach to marine electrification. We've since become the only high voltage electric outboard company to build our own technology stack and reach production.

As we continue to deliver more systems to customers, we prove that our technology brings greater power, efficiency, and enjoyment to the boating experience, all while moving the industry forward.

# Company Snapshot

Philosophy of developing tech in-house results in lowest cost, safest, best performing, and most scalable products on the market

## Company Facts

10+

Years developing marine electrification tech

12

Patents granted and pending

40+

Employees

40,000

Square feet for R&D and Production

\$25M+

Invested in Technology Development

## Products & Technology

Outboard & Inboard Propulsion



High-Voltage Batteries Connected Software



## Applications & Key Partners

Industry Partners



Applications

- Yacht Tenders
- Recreation
- Watersports
- Rental Fleets

- Universities
- **Workboats**
- Charters
- Crew Transfer



# Enabling Boat Builders to Go Electric

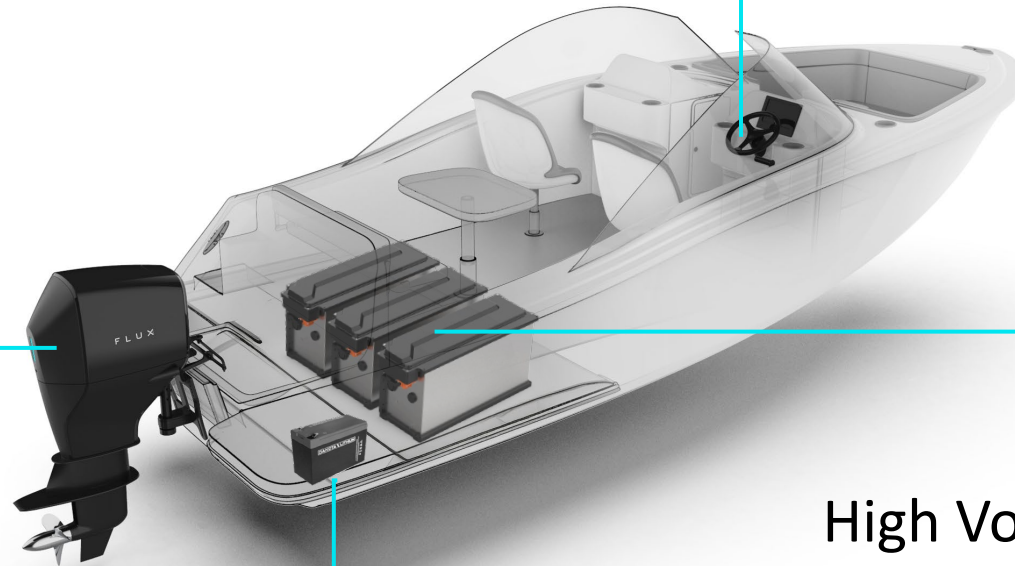
Our product suite provides the flexibility to be integrated into any boat

## Flux Outboard

- 100HP, continuous rated at prop shaft
- Tunable down to 50HP for light applications
- 150HP Boost power for quick planing
- ABYC Standard steering & mounting
- Closed loop cooling system, no flush or intake
- Quiet Belt Drive, 1,000 Hours+ no maintenance

## Flux Controls

- Flux user interface shows speed, predictive range, charge level, and system health
- Compatible with all major brand MFDs
- Digital binnacle, top or side mount



## Intelligent Integration

- Plug & Play with 12V house battery systems
- Integrated DC-DC converter keeps 12V charged
- Equivalent to 1,000 watt alternator
- Shore Power, fast charger, and 110V compatible

## High Voltage Battery Pack

- 400V, designed by Flux specifically for marine
- Proprietary battery management system
- Modular, stackable 28kWh packs
- Passive cooling for simple integration
- Most energy-dense packs in marine industry
- Waterproof to IP67 and shock tolerant

# Proven in practical applications with customers across the country

From shuttling yacht guests in the British Virgin islands, hauling gear in Maine, to towing skiers in Michigan, Flux Marine powered boats have logged thousands of hours in customers' hands.

Flux customers have attended sailing races in Newport, coached rowers on the Charles, run rental fleets, run 50 miles through Florida's ICW, and enjoyed countless sunset harbor cruises.





# Detailed Specifications



## Outboard System

Type	Electric Motor
Continuous Power	100 HP / 75 kW
Acceleration Power	150 HP / 112 kW
Full Throttle RPM	3,000
Trim/Tilt Range	-6° to 64°
Shaft Length	25 in
Overall Width	15 in
Propeller	14 in x 13 in
Weight	325 lbs

## High Voltage Battery System

Type	Lithium Ion
Capacity per Module	28 kWh
Dimensions per Module	33.2 in x 17.2 in x 11.5 in
Voltage	400 V
Expected Lifetime	Over 2,000 cycles
Operating Temperature	-4°F to 140°F
Charging Temperature	20°F to 113°F
Storage Temperature	-4°F to 122°F
Weight per Module	350 lbs

# Ready to Work Together?

Our engineering team is ready to tailor a package for your existing operation, minimizing strain on your resources

**TC** TechCrunch

*powerboat*  
world

**Forbes**

CRUISING  
WORLD

**electrek**



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