

ZEROJET

INTRODUCING THE

ZJ20 Electric Jet System

The world's highest performance, low weight electric jet propulsion system, powered by the world's most efficient 48V 18kW drivetrain.

A simple plug and play system for boat builders starting their journey to electric.



ZJ20 KEY SPECIFICATIONS

- System Voltage: 48V Nominal
- Impeller Diameter: 150mm
- Power: 18kW Continuous, 15kW-rated
- Motor Type: Closed loop-liquid cooled, Brushless DC, Integrated controller
- Battery: 5kWh/10kWh options LiFePO4
- Steering: Tiller/Helm options
- Max Speed: 20knots
- Range: 12 nautical miles @18knots
- Max Operating Water Temp.: 35°C
- Control Software: ZeroJet proprietary, updates through USB
- Waterproof: IP67
- Compliance: CE rated
- System installation time: 2 hours

Mass (Subsystems)

- Jet Unit: 44kg
- 10kWh Battery Pack: 98kg

- 5kWh Battery Pack: 55kg
- Helm Throttle: 2.1kg
- Tiller: 4.3kg

Additional Features

- Integrated motor stop safety tether
- Pump intake grate - removable for clearing
- Shaft seal, shaft, coupling and bearing arrangement designed for reliability and ease of maintenance
- GPS
- Jet clear reverse function
- Screen functions - SoC, battery voltage, current draw, charging status, system status, temperature, throttle/RPM and alarms
- Auxiliary port - 48V, 5A. Can be used for third party DC-DC converters to support 12V accessories.



Why ZeroJet Systems



Easy plug and play module



Access to electric market without expensive R&D



Rapid design and installation



Brand protection: reliability & performance



"As a boat builder it's an absolute game changer and a very smart, efficient solution."

Karin - Offshore Cruising Tenders



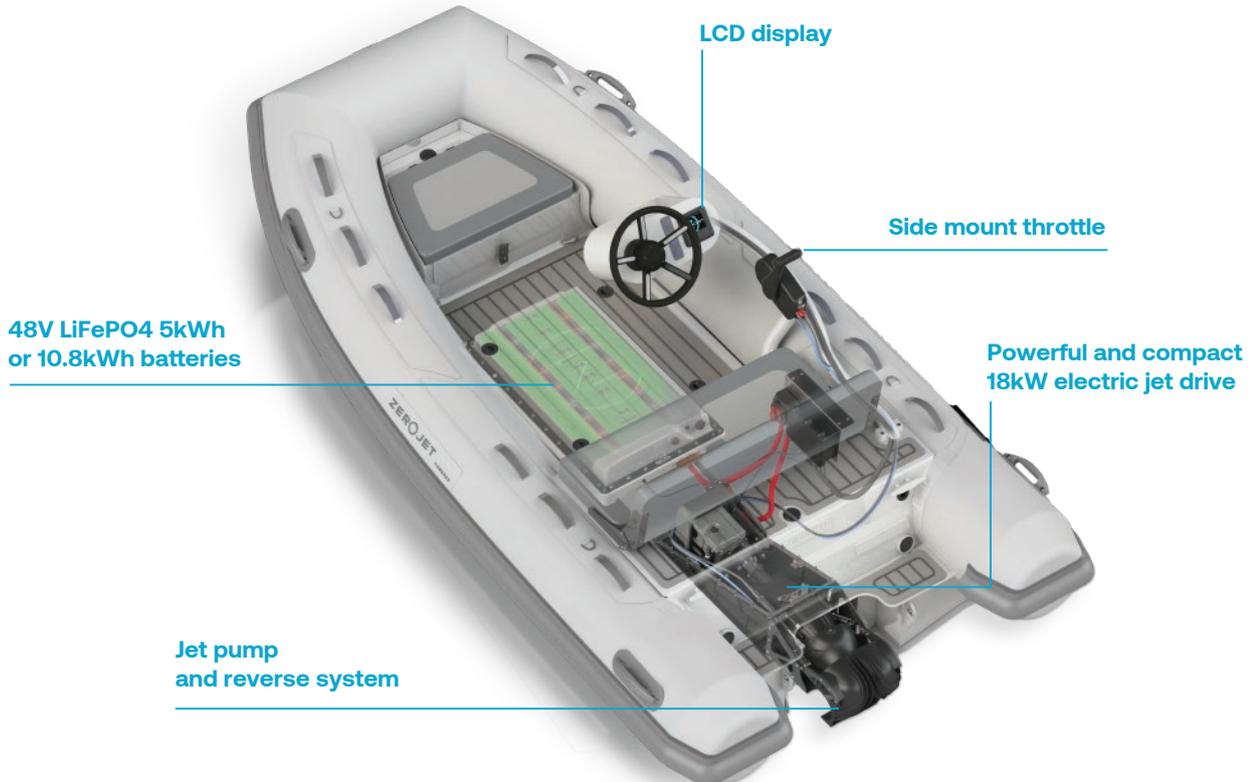
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ZeroJet's on a mission to eliminate combustion engines on water. What originated from designing and building a recreational electric jet board, this pocket rocket system was quickly reconfigured as a 'plug and play' electric jet system for small boat manufacturers.

Today, our team of talented engineers have built the highest performance, low weight EV powertrains the world has ever seen.

Our technology is rapidly being adopted by global marine organisations who are crying out for better electric alternatives that do not sacrifice power and performance.

ZeroJet's systems stand above all electric propulsion systems and are the true challenger to petrol marine combustion engines.



The Simple Partnership Process

1. We'll will book a consultation session with you to determine your specific requirements and overall technical feasibility.
2. We will supply detailed 3D design files to you and support you to design your chosen system into your range.
3. We supply a prototype based on your design.
4. We provide engineering support during your prototyping and testing stages.
5. We work with you to successfully launch and promote your ZeroJet powered range.



CONTACT

sales@zerojet.com

