

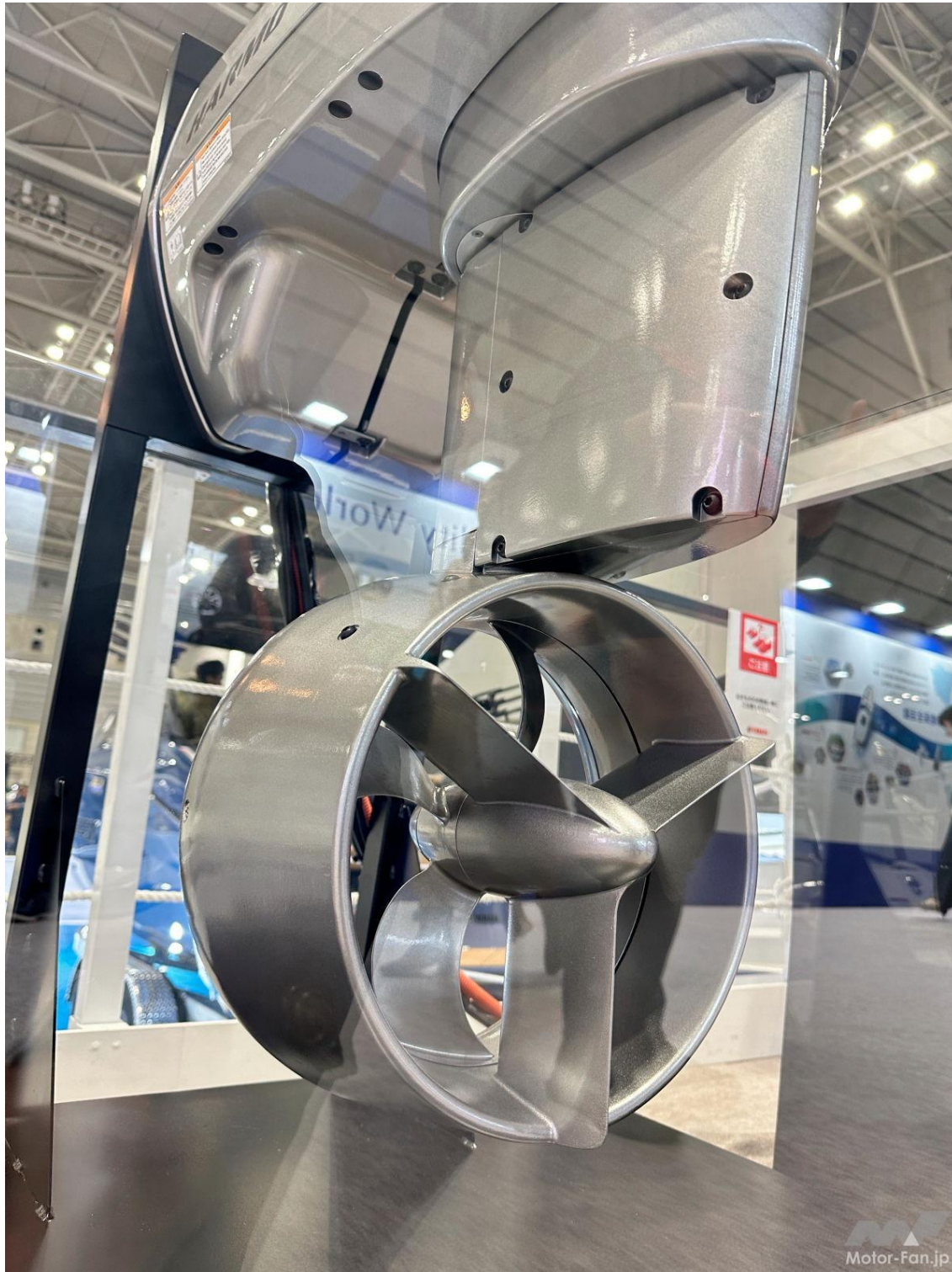
Red Sun thermal batteries are key to unlock new paradigm shifts in energy, propulsion, safety and cleantech by increasing range, slashing weight, removing fire risks, and eliminating emissions, while engineering batteries that outlive their owners and yachts



Candela C12 underwater wing raises-up boats to fly above waves - reducing drag & fuel use by 80% - carries 30 passengers!



Racebird Electric Foiling creates a new class of ship propulsion and energy savings while increasing speed to 75 mph!



Yamaha 225 kW Electric Outboard - 300 HP

The first paradigm shift is the AI- run hydrofoils that adjusts foil 50 to 100 times a minute to maintain balance, direction, and angle, while staying above the waves - saving 80% of the fuel and going faster and smoother. Holding 30 people in quiet electric- run yachts running clean while foiling saves 80% of the energy over normal cruising!

Second Paradigm Shift: Electric propulsion is 98% efficient, non- polluting, cuts cost to half by charging from the grid or home at up to 30 c/ kWh vs diesel at 65c- 70 UScents/kWh.

Electric Game Changer electric propulsion system allows passengers to make phone calls comfortably during their commute, while its fully electric design eliminates fuel pilferage as the system cannot be tampered. The ferry delivers broader benefits of electric mobility: lower long-term maintenance costs, enhanced safety, and cleaner, quieter travel experience.

50 MW Salt Battery – 150 Wh. per Kilogram			RedStar's Red Sun Thermal Battery Generator 2000 – Wh Hours per Kilogram with Steam Generator
Lithium Battery – 270 Wh. Per Kilogram			18 Cubic Meter, 26 Tons - Transportable by truck ship and other locomotives in 20 foot Container



PowerSource 660

The Third Keystone Paradigm Shift; **PowerSource** thermal batteries give an order of magnitude more power per kg, as **660** gives 723 kWh at 700 kg vs only 150 kWh for LFeP pack at 1500 kg to 1800 kg weight. Thus, more than quintupling range and tripling torque vs diesel by switching to cryo nitrogen that expands 1500 x's at 150°C vs diesel at 432 x's at much higher 550°C. **Red Sun - PowerSource** multiplies savings as universal adaptor, transformer and amplifier that cuts operating costs to a fraction, runs generators for electric ops and propulsion, while retrofitting all existing diesels and turbines (which is actually a 4th paradigm shift giving new 40 year life to \$50 trillion in existing diesel and turbine power propulsion) is molten 1500°C to 2000°C solid state nickel- iron alloy with no moving parts to wear-out with no run-away battery fires to ruin your yacht! Moreover; **Red Sun -**

PowerSource lasts 40+ years vs 6 years for Li-ion, is non- explosive; and does not give-off EMF radiation that electric batteries, cars and boats do! Insured by **Lloyds Syndicate**.

Note: Introducing stronger light-weight Basalt hulls next year as a 5th paradigm shift will increase lifespan of boats and ships, while greatly protecting against impacts

below and above water!



REDSUN
TECHNOLOGIES