



Your Trusted Partner in Marine Power Solutions

# COMPLETE YACHT POWER & NETWORK SOLUTIONS

POWERING YOUR MARITIME ADVENTURES WITH  
ADVANCED ENERGY SOLUTIONS





An aerial photograph of a white speedboat moving across a deep blue ocean. The boat is leaving a long, wide, and turbulent white wake that stretches from the bottom right towards the left side of the frame. The water's surface is covered in small, rhythmic ripples. The sky is a clear, pale blue, and the overall scene conveys a sense of speed and maritime adventure.

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## About Streampower

At Streampower, we specialize in delivering comprehensive, end-to-end power and network systems for yachts of all sizes. Whether you're building a new vessel or upgrading an existing one, our experienced team ensures seamless integration, optimal performance, and unmatched reliability.

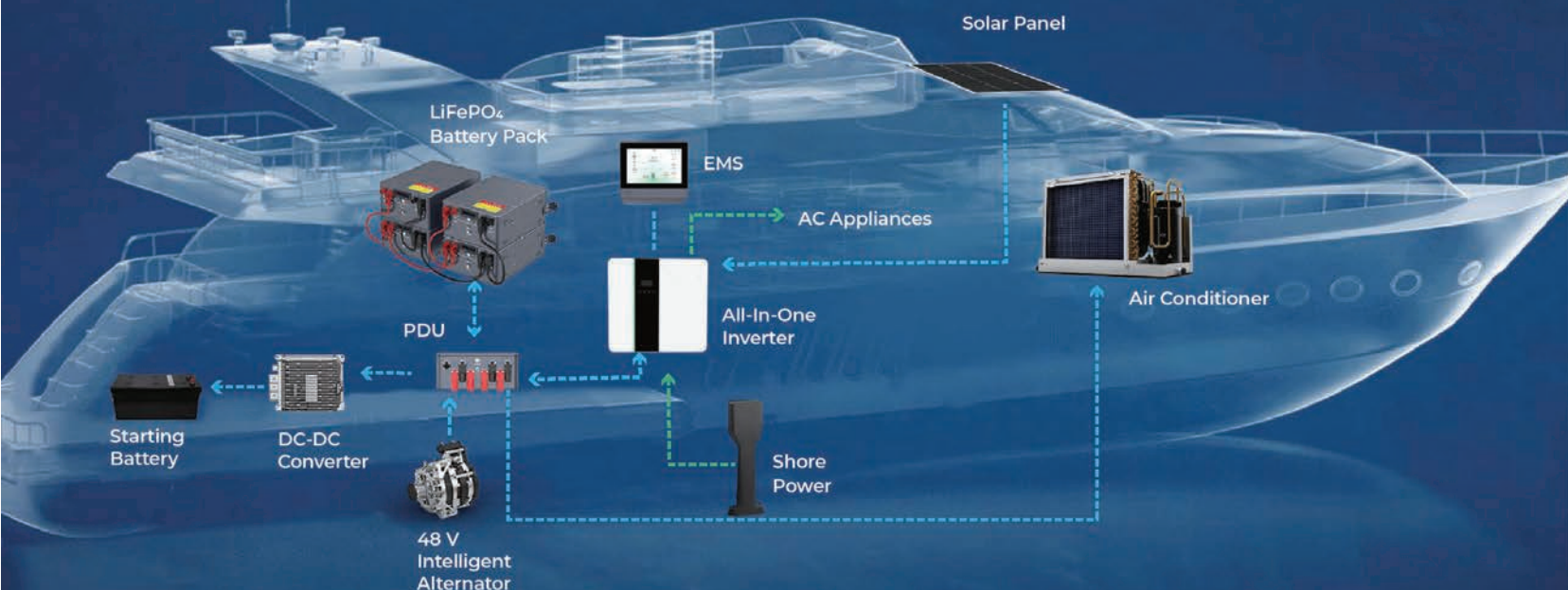
With years of expertise in marine electrical systems and a commitment to innovation, we transform how yacht owners experience power management at sea. Our solutions combine cutting-edge technology with proven reliability, ensuring your maritime adventures are powered by the best.



# OUR SERVICES

## Complete Yacht Power & Network Solutions

We provide comprehensive marine power solutions designed to meet the unique demands of yacht operations. Our services encompass every aspect of your vessel's electrical and network infrastructure.



### Power Management System Design

We provide customized, reliable power management systems for yachts, ensuring efficient and safe power distribution at sea and dock.



### Battery Management Systems (BMS)

We deliver advanced battery management systems for real-time monitoring, protection, and optimized performance, extending battery lifespan and ensuring uninterrupted operation.



### Energy Monitoring & Control

Our smart energy monitoring solutions offer real-time insights for efficient power control, fuel savings, and predictive maintenance via a user-friendly interface.



### Power Load Management

We create intelligent load management systems to prioritize critical operations, prevent overloads, and ensure essential systems always have power.



### Yacht Networking & Integration

We deliver integrated network infrastructure, unifying power, navigation, communication, entertainment, and automation systems for seamless yacht operation.



### Turnkey Solutions & Custom Jobs

We provide turnkey solutions, handling custom electrical and technical projects to meet your yacht's unique requirements, no matter the complexity.



### Retrofit of Power Management

We specialize in upgrading existing vessels with modern power management systems, bringing older yachts up to current standards of efficiency and reliability.





# PRODUCT PORTFOLIO

## Advanced Marine Energy Solutions

Our product portfolio features the latest in marine energy storage and power management technology, designed specifically for the demanding marine environment.

### Marine Energy Storage Systems

#### ROYPOW LiFePO4 Battery Technology



Our marine energy storage systems are built on advanced Lithium Iron Phosphate (LiFePO4) technology, providing superior performance, safety, and longevity compared to traditional lead-acid systems.

#### Key Benefits:



**Emission-Free Operation:**  
Zero emissions, zero fumes, zero noise pollution



**Extended Lifespan:**  
Up to 10x longer life than traditional marine batteries



**Fast Charging:**  
Rapid charging capabilities for minimal downtime



**Lightweight Design:**  
Significantly lighter than lead-acid alternatives



**Deep Discharge Capability:**  
Use up to 95% of battery capacity safely

#### 8kW 3-in-1 Hybrid Inverter



#### Model: SUN8000S-E-G2

Our flagship marine hybrid inverter combines solar charge controller, battery inverter, and grid-tie functionality in one compact unit.

#### Key Benefits:



**All-in-One System:**  
Simplifies installation by combining the inverter, charger, and solar controller.



**High Efficiency:**  
Saves energy with 94% inverter efficiency.



**UPS Function:**  
Ensures uninterrupted power.



**Smart Monitoring:**  
Track performance via LCD, app, or web.



**Power Saving Mode:**  
Reduces energy use at zero-load.

#### Power Distribution Units (PDU)



#### Model: Xp350-PRO

Essential components for safe and efficient power distribution throughout your yacht.

#### Key Features:



**Maximum Bus Power:**  
17.9kW @ 51.2V



**Maximum Bus Current:**  
450A (30 seconds)



**Multiple Interfaces:**  
Battery, inverter, A/C, DC/DC connections



**Protection Level:**  
IP65 marine-grade



**Compact Design:**  
376 x 135 x 160mm








**Weight:**  
Only 5kg

Energy Management Systems (EMS)



Intelligent monitoring and control systems that optimize power usage and provide real-time system status.

Key Features:







- **Simple & Compact:**  
All-in-one design for easy installation.
- **Powerful & Scalable:**  
High energy output with easy expansion.
- **Smart Control:**  
Intelligent BMS with remote app monitoring.
- **Durable & Long-Lasting:**  
Robust build with a 6,000+ cycle life.
- **Safe & Reliable:**  
Certified for safety and dependable performance.

48 V Intelligent Alternator

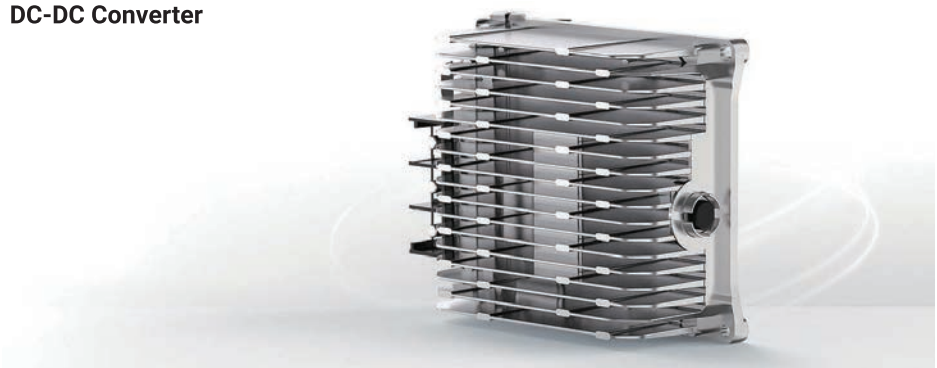


48 V intelligent alternator's overall popularity is attributed to its high safety and efficiency, which offers the best sailing experience on the sea.

Key Features:







- **Compact 2-in-1 Design:**  
Integrated motor and controller saves space and weight. easy installation.
- **High Efficiency & Power:**  
Delivers 85% efficiency and strong performance.
- **Ultra-High Speed:**  
Reaches 16,000 rpm for better acceleration.
- **Customizable Modes:**  
Adjust performance to user preferences.
- **Smart Battery Life:**  
Extends battery lifespan via CANBUS communication.
- **Automotive Grade:**  
Built to high automotive standards for reliability.

DC-DC Converter



Designed specifically for marine use, the bidirectional DC - DC converter is vibration-tested to ensure it can withstand the rigid marine conditions with high performances retained.

Key Features:

- **Efficient:**  
High efficiency, low power loss.
- **Durable:**  
Rugged, vibration-tested design for harsh environments.
- **Wide Temperature Range:**  
Operates reliably in extreme temperatures.
- **Automotive Grade:**  
High quality and reliability.
- **Powerful:**  
Up to 2.5 kW output.
- **Protected:**  
IP67 rating ensures it is dust-tight and water-resistant.



Air Conditioner



Designed for marine environments, this air conditioner with variable speed expels the heat out of the cabin effectively and runs quietly, creating a cozy resting environment.

Key Features:



**Powerful & Efficient:**  
High-output cooling and heating with an EER over 15.



**Durable Design:**  
Built with a titanium alloy condenser to resist corrosion.



**Cost-Saving:**  
Advanced inverter technology reduces energy consumption.



**Quiet Comfort:**  
Operates at a low noise level for a peaceful voyage.



**All-Weather Performance:**  
Works reliably in a wide range of temperatures.

Marine Solar Panel



The XLASP100 Marine Solar Panel is a lightweight, 100W flexible solution with durable monocrystalline PERC technology, perfect for boats and yachts. Its weather-resistant design ensures reliable power, easy installation, and top-tier efficiency.

Key Features:



**Flexible & Foldable:**  
Ultra-thin for curved surfaces and tight spaces.



**Durable & Weather-Resistant:**  
IP68-rated for harsh marine conditions.



**High Efficiency:**  
Monocrystalline PERC tech achieves 20.74% efficiency.



**Compact & Lightweight:**  
Just 3.1 lbs for easy installation.



**Ultra Thin & Easy Install:**  
Streamlined design for simple mounting.

WHY CHOOSE STREAMPOWER?

The Streampower Advantage

Marine ESS vs Traditional Diesel Systems

Aspect	Streampower Marine ESS	Traditional Diesel Systems
Operation Costs	Eliminates fuel costs, minimal	Expensive fuel costs, frequent
Environmental Impact	Emission-free, zero pollution	Large quantities of fumes and high corrosion
Maintenance	Minimal maintenance required	Frequent oil, filter, and belt changes
Engine Idling	No idling time, engine-free	Lots of idling, engine dependency
Reliability	Consistent power delivery	Weather and fuel dependent
Installation	Clean, compact installation	Complex engine room requirements





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Free Consultation • Custom Quote • Professional Installation

**Streampower - Powering Your Maritime Adventures**

