



PURE ELECTRIC  
MARINE PROPULSION SYSTEMS



*Boating with EZ Outboard is Fun, Pleasant, Easy for EVERYBODY!  
Ease of Use . Clean . Quiet . Light . Efficient . Reliable . Safe . Affordable*

[www.EZoutboard.com](http://www.EZoutboard.com)



[www.goldenmotor.com](http://www.goldenmotor.com)

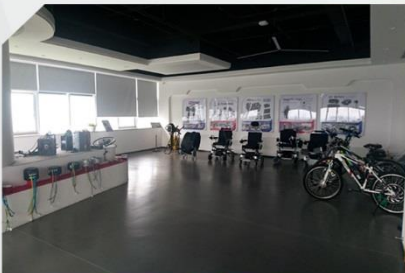




# Golden Motor Technology Co.,Ltd

Golden Motor Technology Co Ltd was founded in 2006, as a foreign-invested enterprise. It has being emerged as one stop shop for electric drive components of personal electric vehicles (PEV), from electric bikes, electric motorcycles, electric wheelchairs, to light electric cars and electric propulsion outboards. You can always find suitable drive solutions, components for your EV applications from us. With our strong in-house R&D team, Golden Motor has got over 50 technology patents authorized by Chinese and international patent authorities. It is awarded as New Hi-Tech Enterprises by China government. The company has established global dealer network in over 60 countries, to provide local sales and technical support services. Our e-commerce platform ([www.goldenmotor.com](http://www.goldenmotor.com)) attracts thousands of potential buyer visits worldwide daily, which makes Golden Motor very unique and stand out from our competitors. Golden Motor is not just a product manufacturer, it also help dealers to reach to retail customers via redirecting web traffics to their own web shops.

Golden Motor is now well positioned as a leading electric drive solution provider for wide range of electric vehicles, mobility aids, electric boats applications, etc. This is a rapid growth sectors for coming years. We also offer ODM and OEM services to meet individual client's special requirements. We are confident to grow profitable business with our valuable customers with innovative products and high quality services at competitive cost.



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## ***Sports Series Outboard Features: Pursuit of Speed, Sports Experience***

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- Propeller speeds are comparable to conventional gasoline/diesel outboards.
- High-power high-efficiency brushless DC drive motor (3KW-10KW) provides strong continuous thrust.
- GEAR-LESS design, no speed reduction mechanism, making the design more concise, quiet, durable, and energy-saving.
- Long/short shaft All-in-One, users can adjust the installation depth and angle at any time to optimize the propulsion efficiency.
- Remote/Tiller control compatible interface, users can freely choose/switch control modes.
- 3-speed selectable modes: Sports / Cruise / Eco power saving, suitable for different use scenarios, to achieve a multi-purpose.
- Internal circulation cooling system similar to the car, which improves the life of the pump and is maintenance-free. Use the car's universal coolant to suit the local climate.
- Adopting the general-purpose gasoline engine propeller mounting interface, it is more convenient and economical to replace propeller.
- Smartphone App meter display software, support both Android (Android) / Apple (iOS) system.
- Open support for any 48Vdc battery systems, users are free to choose a local battery suppliers.
- Machine installation is common with gasoline engines, simple and maintenance-free.
- The prices are equivalent to the four-stroke gasoline engine, affordable, and truly create values for users.

## ***Leisure Series Outboard Features: Ultra-Light, Large Thrust Force, Power Saving***

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- High thrust force, battery saving, suitable for leisure boats. There is no need of expensive large battery packs.
- GEAR-LESS, DIRECT DRIVE design, making the mechanical design more concise, quiet, durable, and energy-saving.
- Brushless, high torque drive motor (2KW-6KW) for strong continuous thrust force.
- Long/short shaft All-in-One, users can adjust the installation depth and angle at any time to optimize the propulsion efficiency.
- Remote/Tiller control compatible interface, users can freely choose/switch control modes.
- 3-speed selectable modes: Sports / Cruise / Eco power saving, suitable for different use scenarios, to achieve a multi-purpose.
- Smartphone App meter display software, support both Android (Android) / Apple (iOS) system.
- Open support for any 48Vdc battery systems, users are free to choose a local battery suppliers.
- Machine installation is common with gasoline engines, simple and maintenance-free.
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# SPORTS & COMMERCIAL SERIES

## Brushless & Gearless Motor



- Learn to Operate in Minutes
- Simple and Smooth Control
- Selectable 3-Speed Modes
- Dual Steering Supported
- Extreme High Efficiency
- Zero Maintenance
- Adjustable Transom Lengths
- Optional Electric Tilting

## Specifications

Product Model	<b>S06</b>	<b>S10</b>	<b>S20</b>
Rated Voltage (Vdc)	48	48	48
Input Power (kW/A)	4.3 / 90	6.5 / 135	10.5 / 220
Comparable Petrol Engine (hp)	5-7	8-12	15-20
Maximum Propeller Speed (RPM)	2800	2800	2800
Static Thrust Force (lb)	128	172	260
Propeller Size (inch)	7.8X8	8.5X8	9.25X7
Control	Tiller or Remote	Tiller or Remote	Tiller or Remote
Tilting	Manual or Electric	Manual or Electric	Manual or Electric
Net Weight (kg)	31	35	48



# LEISURE SERIES

## Brushless & Gearless Motor



- High Thrust Force
- Direct Drive (gear-less)
- High Energy Efficiency
- Selectable 3-Speed Modes
- Dual Steering Supported
- Low Noise
- Ease of Use
- Adjustable Shaft Length
- Quick Detachable Design
- Maintenance Free

## Specifications

Product Model	<b>L03</b>	<b>L05</b>	<b>L10</b>
Rated Voltage (Vdc)	48	48	48
Input Power (kW/A)	2.8 / 60	4.3 / 90	6.5 / 135
Comparable Petrol Engine (hp)	3~5	5~7	8~12
Maximum Propeller Speed (RPM)	1250	1350	1500
Static Thrust Force (lb)	165	195	260
Propeller Size (inch)	12	12	12
Control	Tiller or Remote	Tiller or Remote	Tiller or Remote
Tilting	Manual	Manual	Manual
Net Weight (kg)	17	18.5	22



# Expandable LiFePO4 Battery Module

Module Capacity: 48V50AH

BMS: Intelligent

Max Current: 150A

Charging Cycles: >1000

Pack Weight: 27kg

Casing: Stainless Steel (30\*17.5\*36cm)



## 3-Speed Mode Smart Control Panel : Sports, Cruising, Trolling (All-in-one EZ Outboard)

### Selectable 3-Speed Modes

**S:** Sports - 100%, full power

**N:** Normal - 60%, cruising speed

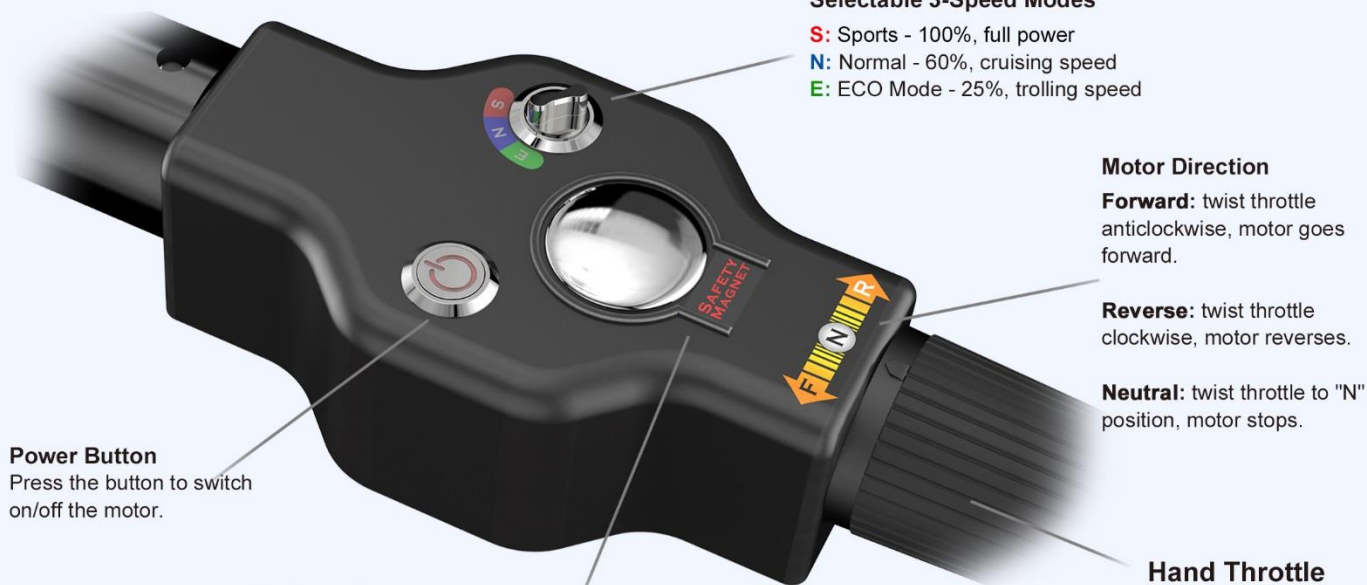
**E:** ECO Mode - 25%, trolling speed

### Motor Direction

**Forward:** twist throttle anticlockwise, motor goes forward.

**Reverse:** twist throttle clockwise, motor reverses.

**Neutral:** twist throttle to "N" position, motor stops.



**Power Button**  
Press the button to switch on/off the motor.

**Safe Key Location**  
The "key" should be attached to operator's clothing, arm or leg. In case the operator falls overboard, it can cut off the power to prevent the boat from running away under power.

**Hand Throttle**