

LAGO.BG



PREMIUM ELECTRIC OUTBOARD MOTORS

HASWING TROLLING MOTORS



+



- MODERN
- SAFETY
- CLEAN
- SIMPLE
- HIGH-TECH
- POWERFUL
- PREMIUM

The New
HELMSMAN system
Available Now!

2023-2024 CATALOGUE

MODEL: **OSAPIAN**

50701
12V-30Lbs

50702
12V-40Lbs

50703
12V-55Lbs



SPECIFICATIONS

MODEL: 产品型号:

50701 / 50702 / 50703

Power of thrust: 峰值推力:

30Lbs / 40Lbs / 55Lbs

Max Voltage: 电压:

DC 12V (All)

Power - Max: 功率:

360W / 500W / 600W

Amp - Max: 电流:

30A / 42A / 50A

Depth Adjustment: 深度调节:

Depth Collar (All)

Prop Type: 螺旋桨型号:

2-blade prop 9 inch diam (50701, 50702)

3-blade prop 9.3 inch diam (50703)

Prop Speed at Full Power: 转速:

Max. 1200 / 1380 / 1250 rpm underwater

Battery Type Required: 电池要求:

1 x 105AH deep cycle (All)

Steering: 转向操控:

360 degree control (All)

Decibel Level (db): 噪音等级:

≤50db (All)

Weight (N.W.): 重量:

6.6kg / 7.1 kg / 8.6kg

Shaft Type: 主杆类型:

Cast Aluminum (All)

Shaft Length: 主杆长度:

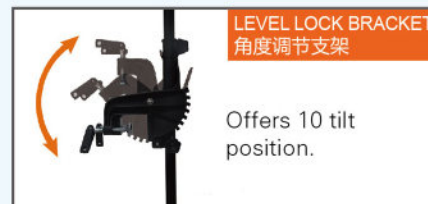
800mm / 900mm / 900mm

Colour: 颜色:

Black (All)

Max Boat Length (Suggestion): 船长:

4m / 4.7m / 5.5m



The Osapian range features durable 12 volt motors and available in 30, 40 and 55Lbs models. Osapian motors are equipped with 5 forward and 3 reverse positions. Osapian models are light-weight (from 6.6kg), easily portable and very compact thanks to their collapsible tiller handle.

Depth height can easily be adjusted so you can motor in virtually any depth of water. The steering lever adjusts to different angles, is telescopic and extendable for comfortable control. All Osapian models features an LED battery level indicator. Suitable for both salt and fresh water use.

图片与实物略有不同!
Actual model may vary from image!

MODEL: **OSAPIAN F**

50708
12V-30Lbs

50714
12V-40Lbs

50716
12V-55Lbs



型号 Model	杆长 Shaft Length	有效深度 Effective Depth
50708	800mm	630mm
50714	900mm	730mm
50716	900mm	730mm

SPECIFICATIONS

MODEL: 产品型号:

50708 / 50714 / 50716

Power of thrust: 峰值推力:

30Lbs / 40Lbs / 55Lbs

Max Voltage: 电压:

DC 12V (All)

Power - Max: 功率:

360W / 500W / 600W

Amp - Max: 电流:

30A / 42A / 50A

Depth Adjustment: 深度调节:

Depth Collar (All)

Prop Type: 螺旋桨型号:

2 blade prop 9inch diam (50708,50714)

3 blade prop 9.3inch diam (50716)

Prop Speed at Full Power: 转速:

Max. 1200 / 1380 / 1250 rpm underwater

Battery Type Required: 电池要求:

1x105AH deep cycle (All)

Steering: 转向操控:

360 degree control (All)

Decibel Level (db): 噪音等级:

≤50db (All)

Weight (N.W.): 重量:

6.3kg / 6.9 kg / 8.4kg

Shaft Type: 主杆类型:

Cast Aluminium (All)

Shaft Length: 主杆长度:

800mm / 900mm / 900mm

Colour: 颜色:

Black (All)

Max Boat Length (Suggestion): 船长:

4m / 4.7m / 5.5m



The Osapian F range features durable 12 volt motors and available in 30, 40 and 55lbs models. Osapian F motors are equipped with 5 forward and 3 reverse positions. Osapian F models are light-weight (from 6.3kg).

The depth height can easily be adjusted, so you can motor in virtually any water. The steering lever adjusts to different angles, is telescopic and extendable for comfortable control. The Osapian F models also features an LED battery level indicator. Suitable for both salt and fresh water.

图片与实物略有不同!
Actual model may vary from image!



MODEL: COMAX N

50717
12V-55Lbs

With
Motor up & Down
System



SPECIFICATIONS

MODEL: 产品型号:
50717

Power of thrust: 峰值推力:
55Lbs

Max Voltage: 电压:
DC 12V

Power - Max: 功率:
660W

Amp - Max: 电流:
50A

Depth Adjustment: 深度调节:
Electric Trim System

Prop Type: 螺旋桨型号:
3 blade prop / 9.3inch diam

Prop Speed at Full Power: 转速:
Max.1250 rpm underwater

Battery Type Required: 电池要求:
1 x105AH Deep Cycle

Steering: 转向操控:
90 degree control

Decibel Level (db): 噪音等级:
≤50db

Weight (N.W.): 重量:
14.5kg

Shaft Type: 主杆类型:
Stainless steel

Shaft Length: 主杆长度:
Variable

Max Boat Length (Suggestion): 船长:
5.5m



The Comax N electric trolling motor is specifically designed for electric only waterways featuring a durable 12 volt 55 lbs thrust motor and innovative integrated electric trim system, 2:1 steering system to aid maneuvering in tight spaces and a telescopic tiller handle. Comax N motors are equipped with a step-less digital speed controller which provides precise power control, ideal for trolling at the optimum speed. The Comax N also features an LED battery level indicator. Suitable for both salt and fresh water use.

图片与实物略有不同!
Actual model may vary from image!

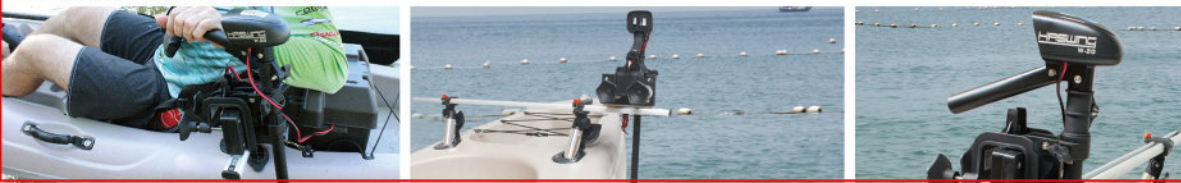


MODEL: W20

50735
12V-20Lbs



图片与实物略有不同！
Actual model may vary from image!



SPECIFICATIONS

MODEL: 产品型号:
50735

Power of thrust: 峰值推力:
20Lbs

Max Voltage: 电压:
DC 12V

Power - Max: 功率:
200W

Amp - Max: 电流:
17A

Depth Adjustment: 深度调节:
Depth Collar

Prop Type: 螺旋桨型号:
2 blade prop / 5.9inch diam

Prop Speed at Full Power: 转速:
Max.1200 rpm underwater

Battery Type Required: 电池要求:
1x20AH Deep Cycle

Steering: 转向操控:
360 degree control

Decibel Level (db): 噪音等级:
≤50db

Weight (N.W.): 重量:
2.3kg

Shaft Type: 主杆类型:
Cast Aluminium

Shaft Length: 主杆长度:
600mm

Colour: 颜色:
Black

Max Boat Length (Suggestion): 船长:
3m



The W20 features a durable 12 volt motor offering 20lbs of thrust. W20 features 2 forward and 2 reverse speeds. At just 2.3kgs it is very light, easily portable and very compact thanks to its collapsible tiller handle.

Depth height is easily adjustable, so you can motor in virtually any depth of water. The tiller handle adjusts to different angles making it easy to stow and the motor also features an LED battery level indicator. Suitable for both salt and fresh water use.

MODEL: CAYMAN B

50700
12V-55lbs

50718D
24V-80lbs

遥控系列 / Remote Control Series

标配!
Included!



433MHz

无线遥控器

(50802) Wireless Remote Controller

单向无级调速
One-Way Stepless Speed

深度定位套
Depth Collar

2

收放踏板

Deploy/Stow Pedal

3



有线脚踏遥控器
Wired
Foot Controller

4

(50800) 可选择搭配! Optional!

牺牲阳极
Sacrificial Anode

DD Brush Motor

有刷直驱电机

独立鳍

Individual Fin

6

型号 Model	杆长 Shaft Length	有效深度 Effective Depth
50700	1200mm	1000mm
50718D	1370mm	1170mm
	1490mm	1290mm

SPECIFICATIONS

MODEL: 产品型号:

50700 / 50718D

Power of thrust: 峰值推力:
55Lbs / 80Lbs

Max Voltage: 电压:
DC 12V / 24V

Power - Max: 功率:
600W / 1080W

Amp - Max: 电流:
50A / 45A

Depth Adjustment: 深度调节:
Depth collar (All)

Prop Type: 螺旋桨型号:
3-blade prop / 9.3 inch diam (50700)
2-blade prop / 11.4 inch diam (50718D)

Prop Speed at Full Power: 转速:
Max. 1250 rpm underwater (50700)
Max. 1500 rpm underwater (50718D)

Battery Type Required: 电池要求:
1 x 105AH Deep Cycle (50700)
2 x 105AH Deep Cycle (50718D)

Steering: 转向操控:
360 degree control (All)

Decibel Level (db): 噪音等级:
50db (All)

Weight (N.W.): 重量:
13.7kg / 17.5kg / 19.2kg

Shaft Type: 主杆类型:
Cast Aluminium (All)

Shaft Length: 主杆长度:
1200mm / 1370mm / 1490mm

Colour: 颜色:
Black (All)

Max Boat Length (Suggestion): 船长:
5.5m / 6.5m



Deploy/Stow pedal
推进器收放踏板

Press it to deploy
or stow the motor
easily.

50802



REMOTE CONTROLLER
无线遥控器

Function: On/Off,
Speed Up/Down,
Full Speed, Turn
Left/Right, Pairing.

Optional!



50800

WIRED FOOT CONTROLLER
线控脚踏控制器 (选配)

LCD Display;
Function: On/Off,
Speed Up/Down,
Full Speed,
Turn Left/Right.



INDIVIDUAL FIN
独立鳍翼设计

The individual fin
will protect motor
and propeller from
being hit under
water.



BATTERY METER
电源显示

Display 3 levels of
battery power.

The Cayman B Bow Mount Trolling Motor was developed for serious fishermen requiring the versatility of controlling their motor via a wireless hand remote or wired foot control pedal. This feature-packed bow mount trolling motor comes standard with a wireless hand control, sacrificial anode and encapsulated electronics. Supplied standard with all the necessary stainless steel nuts and bolts to fit straight onto the boat, or option up with our Quick Release Bracket with a foot print of just 120mm x 200mm when not in use. All models feature LED battery meters. Optional wired foot controller and quick release mounting plate are a perfect partner for your Cayman B motor. Suitable for both salt and fresh water use.

图片与实物略有不同!
Actual model may vary from image!



7



MODEL: CAYMAN B/with GPS

50736
12V-55Lbs

50737
24V-80Lbs

遥控GPS系列/Remote Control GPS Series

标配!
Included! 2.4GHz

(50806) Wireless Remote Controller

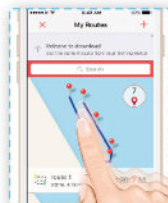


全新舵手APP上线

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Available Now!

兼容苹果IOS和安卓系统
(Both IOS& Andriod)

单向无级调速
One-Way Stepless Speed



深度定位套
Depth Collar

收放踏板

Deploy/Stow Pedal



无线脚踏遥控器

Wireless
Foot Controller

(50805) 可选择搭配! Optional!

牺牲阳极

Sacrificial Anode

DD Brush Motor

有刷直驱电机

独立鳍

Individual Fin

型号 Model	杆长 Shaft Length	有效深度 Effective Depth
50736	1200mm	1000mm
50736	1370mm	1270mm
50736	1520mm	1320mm
50737	1830mm	1630mm

SPECIFICATIONS

MODEL: 产品型号:

50736 / 50737

Power of thrust: 峰值推力:

55Lbs / 80Lbs

Max Voltage: 电压:

DC 12V / 24V

Power - Max: 功率:

600W / 1080W

Amp - Max: 电流:

50A / 45A

Depth Adjustment: 深度调节:

Depth collar (All)

Prop Type: 螺旋桨型号:

3blade prop / 9.3inch diam (50736)

2blade prop / 11.4inch diam (50737)

Prop Speed at Full Power: 转速:

Max. 1250 rpm underwater (50736)

Max. 1500 rpm underwater (50737)

Battery Type Required: 电池要求:

1 x105AH Deep Cycle (50736)

2 x105AH Deep Cycle (50737)

Steering: 转向操控:

360 degree control (All)

Decibel Level (db): 噪音等级:

50db (All)

Weight (N.W.): 重量:

13.9kg / 15.1kg

Shaft Type: 主杆类型:

Cast Aluminium (All)

Shaft Length: 主杆长度:

1200mm / 1370mm / 1520mm / 1830mm

Colour: 颜色:

Black (All)

Max Boat Length (Suggestion): 船长:

5.5m / 6.5m



GPS SMART NAVIGATION SYSTEM
GPS智能导航系统

1. Record Routes
2. GPS Navigation
3. Anchor
4. Cruise Control

Haswing Remote



SMART PHONE OPERATING SYSTEM
智能手机终端控制

Download the
Helmsman APP to
operate all functions
with your smart
phone-Android or IOS.



BATTERY METER
电源显示

Displays 3 levels
of battery power
status.



DEPLOY/STOW PEDAL
推进器收放踏板

Press it to deploy
or stow the motor
easily.

50806



REMOTE CONTROLLER
无线遥控器

Function: On/Off,
Speed Up/Down,
Full Speed, Turn
Left/Right, Pairing.

图片与实物略有不同!
Actual model may vary from image!

4 Advanced Functions



Record Route



Navigation



Cruise Control



Anchor



The Cayman B/with GPS Bow Mount Trolling Motors are renowned for their spot lock accuracy, robustness and durability. Used by serious fishermen who require the versatility of guiding their motor via a wireless hand remote or wireless foot remote pedal. Spot lock (anchor mode) is accessible on the remote, as well as Helmsman APP. Very accurate spot lock holds your boat where it should be, Right on the fish. A feature-packed bow mount trolling motor comes standard with a wireless hand control, sacrificial anode. Encapsulated electronics and all the necessary 316 stainless steel nuts and bolts to fit straight onto the boat, or option up with our quick release plate with a foot print of just 120mmx200mm when not in use. Helmsman GPS smart navigation system and smart phone operation (including Apple Smart Watch) system is free to download. All models feature LED battery status lights. Optional wireless foot controller and quick release mounting plate are available. Suitable for both salt and fresh water.

MODEL: CAYMAN B/with GPS

50739
24V-80Lbs

50738
36V-120Lbs

遥控GPS系列 / Remote Control GPS Series

(50806)
with
50739

(50809)
with
50738



2.4GHz
无线遥控器

标配!
Included!

Wireless Remote Controller

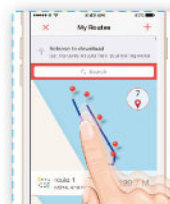


全新舵手APP上线

The New
HELMSMA
Available Now!

兼容苹果IOS和安卓系统
(Both IOS & Android)

单向无级调速
One-Way Stepless Speed



航线定点记录
Route fixed point record

深度定位套
Depth Collar

收放踏板

Deploy/Stow Pedal



(50805)
with
50739

(50810)
with
50738

可选择搭配!
Optional!

无线脚踏遥控器

Wireless Foot Controller

牺牲阳极
Sacrificial Anode

DD Brush Motor

有刷直驱电机

独立鳍

Individual Fin

4 Advanced Functions



Record Route



Navigation



Cruise Control



Anchor

SPECIFICATIONS

MODEL: 产品型号:

50739 / 50738

Power of thrust: 峰值推力:

80Lbs / 120Lbs

Max Voltage: 电压:

DC 24V / 36V

Power - Max: 功率:

1080W / 1620W

Amp - Max: 电流:

45A (All)

Depth Adjustment: 深度调节:

Depth collar (All)

Prop Type: 螺旋桨型号:

2blade prop / 11.4inch diam (All)

Prop Speed at Full Power: 转速:

Max. 1500 rpm underwater (All)

Battery Type Required: 电池要求:

2 x 105AH Deep Cycle (50739)

3 x 105AH Deep Cycle (50738)

Steering: 转向操控:

360 degree control (All)

Decibel Level (db): 噪音等级:

50db (All)

Weight (N.W.): 重量:

21kg / 22.7kg

Shaft Type: 主杆类型:

Cast Aluminium (All)

Shaft Length: 主杆长度:

1520mm / 1830mm / 2100mm / 2500mm

Colour: 颜色:

Black (All)

Max Boat Length (Suggestion): 船长:

6.5m / 7m



GPS SMART NAVIGATION SYSTEM
GPS智能导航系统

1. Record Routes
2. GPS Navigation
3. Anchor
4. Cruise Control

Haswing Remote



SMART PHONE OPERATING SYSTEM
智能手机终端控制

Download the
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operate all functions
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BATTERY METER
电源显示

Displays 3 levels
of battery power
status.



DEPLOY/STOW PEDAL
推进器收放踏板

Press it to deploy
or stow the motor
easily.

50806



REMOTE CONTROLLER
无线遥控器

Function: On/Off,
Speed Up/Down,
Full Speed, Turn
Left/Right, Pairing.

50809



The Cayman B/with GPS Bow Mount Trolling Motor aimed at serious fishermen who require the versatility of guiding their motor via a wireless hand remote or wireless foot remote pedal. This feature packed bow mount trolling motor comes standard with a wireless hand control, sacrificial anode and encapsulated electronics. Supplied standard with all the necessary stainless steel nuts and bolts to fit straight onto the boat, or option up with our quick release plate with a foot print of just 120mmx200mm when not in use. GPS smart navigation system and smart phone operation system are available for all motors. All motors feature LED battery meters. Upgraded packages are available which include the wireless foot remote controller and quick release mounting plate. Suitable for both salt and fresh water.

图片与实物略有不同!
Actual model may vary from image!

MODEL: CAYMAN T

50706
12V-55Lbs

50757
24V-80Lbs

遥控系列 / Remote Control Series

标配!
Included!



无线遥控器

(50802) Wireless Remote Controller



有线脚踏遥控器

Wired
Foot Controller

(50800) 可选择搭配! Optional!

单向无级调速
One-Way Stepless Speed

深度定位套
Depth Collar

4 支架
Level Lock Bracket

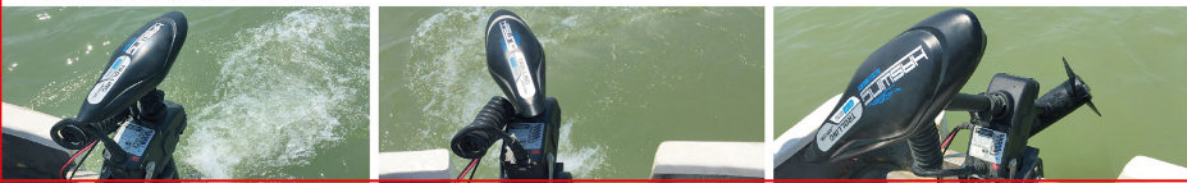
820mm
最大有效深度
Maximum Effective Depth

DD Brush Motor
有刷直驱电机

5 独立鳍
Individual Fin

6 牺牲阳极
Sacrificial Anode

图片与实物略有不同!
Actual model may vary from image!



SPECIFICATIONS

MODEL: 产品型号:

50706 / 50757

Power of thrust: 峰值推力:
55Lbs / 80Lbs

Max Voltage: 电压:
DC 12V / 24V

Power - Max: 功率:
600W / 1080W

Amp - Max: 电流:
50A / 45A

Depth Adjustment: 深度调节:
Depth collar (All)

Prop Type: 螺旋桨型号:
3blade prop / 9.3inch diam (50706)
2blade prop / 11.4inch diam (50757)

Prop Speed at Full Power: 转速:
Max. 1250 rpm underwater (50706)
Max. 1500 rpm underwater (50757)

Battery Type Required: 电池要求:
1 x105AH Deep Cycle (50706)
2 x105AH Deep Cycle (50757)

Steering: 转向操控:
360 degree control (All)

Decibel Level (db): 噪音等级:
50db (All)

Weight (N.W.): 重量:
11.8kg / 13.0kg

Shaft Type: 主杆类型:
Cast Aluminium (All)

Shaft Length: 主杆长度:
1000mm (All)

Colour: 颜色:
Black (All)

Max Boat Length (Suggestion): 船长:
5.5m / 6.5m



LEVEL LOCK BRACKET
角度调节支架

Offer 0°~85°of
tilting position.

50802



REMOTE CONTROLLER
无线遥控器

Function: On/Off,
Speed Up/Down,
Full Speed, Turn
Left/Right, Pairing.

Optional!



50800

WIRED FOOT CONTROLLER
线控脚踏控制器 (选配)

LCD Display;
Function: On/Off,
Speed Up/Down,
Full Speed,
Turn Left/Right.



INDIVIDUAL FIN
独立鳍翼设计

The individual fin
will protect motor
and propeller
from being hit
under water.



BATTERY METER
电源显示

Display 3 levels of
battery power.

The Cayman T transom Mount Trolling Motor aimed at serious fishermen who require the versatility of guiding their motor via a wireless hand remote or wired foot control pedal. This feature packed transom mount trolling motor comes standard with a wireless hand control, sacrificial anode and encapsulated electronics. Cayman T motors are equipptd with one-way stepless speed control. The depth height can easily be adjusted, so you can motor in virtually any water. All motors feature LED battery meters. Upgraded packages are available which include the wired foot controller. Suitable for both salt and fresh water.

MODEL: PROTRUAR

50711
12V-1.0HP

50712
24V-2.0HP



图片与实物略有不同！
Actual model may vary from image!

SPECIFICATIONS

MODEL: 产品型号:

50711 / 50712

Shaft Power: 动力:
1HP / 2HP

Comparable petrol outboards (thrust):

等效汽油机:
2HP/3HP

Power of thrust: 峰值推力:

65Lbs / 85Lbs

Max Voltage: 电压:
DC 12V / 24V

Power - Max: 功率:
600W / 960W

Amp - Max: 电流:
50A / 40A

Depth Adjustment: 深度调节:

Depth Collar (All)

Prop Type: 螺旋桨型号:

3 blade prop 9.3inch diam (All)

Prop Speed at Full Power: 转速:

Max. 1250 rpm underwater(50711)

Max. 1350 rpm underwater(50712)

Battery Type Required: 电池要求:

1x105AH deep cycle (50711)

2x105AH deep cycle (50712)

Steering: 转向操控:

360 degree control (All)

Decibel Level (db): 噪音等级:

≤55db (All)

Weight (N.W.): 重量:

6.7kg / 7.1 kg

Shaft Type: 主杆类型:

Cast Aluminium (All)

Shaft Length: 主杆长度:

900mm(All)

Colour: 颜色:

Black (All)

Max Boat Length (Suggestion): 船长:

6m / 6.5m



These Protruar models are equipped with innovative and powerful 12V or 24V motors, providing excellent propulsion for a wide range of boats and waterways. motors are equipped with 5 forward and 3 reverse positions.

Depth height can easily be adjusted so you can motor in virtually any depth of water. The steering lever adjusts to different angles, is telescopic and extendable for comfortable control. All models features an LED battery level indicator. Suitable for both salt and fresh water use.

MODEL: PROTRUAR G

50728
24V-3.0HP

With
Gear Box

50713
24V-4.0HP

With
Gear Box

电动无刷推进器系列

电量指示区
Battery Meter

1 紧急停止开关
Kill Switch

3 无极调速手柄
Stepless Speed Control Handle

前进/后退无极调速
Stepless Speed F/R

4 角度调节旋钮
Foldable Handle

5 支架
Level Lock Bracket

800mm
最大有效深度
Maximum Effective Depth

6 独立鳍
Individual Fin

Brushless Motor
With Gear Box
无刷齿轮箱变速电机

7 牺牲阳极
Sacrificial Anode

图片与实物略有不同!
Actual model may vary from image!

SPECIFICATIONS

MODEL: 产品型号:
50728 / 50713

Shaft Power: 动力:
3HP / 4HP

Comparable petrol outboards (thrust):
等效汽油机:
4HP / 5HP

Peak Thrust in Lbs: 峰值推力:
110Lbs / 130Lbs

Max Voltage: 电压:
DC 24V (All)

Power - Max: 功率:
1200W / 1800W

Amp - Max: 电流:
50A / 75A

Depth Adjustment: 深度调节:
Depth collar (All)

Prop Type: 螺旋桨型号:
3blade prop / 11.8inch diam (All)

Prop Speed at Full Power: 转速:
Max. 630 rpm underwater (50728)
Max. 1100 rpm underwater (50713)

Battery Type Required: 电池要求:
2x105AH Deep Cycle (50728)
2x120AH Deep Cycle (50713)

Steering: 转向操控:
360 degree control (All)

Decibel Level (db): 噪音等级:
65db (All)

Weight (N.W.): 重量:
8.0kg / 8.3kg

Shaft Type: 主杆类型:
Cast Aluminium / Stainless Steel

Shaft Length: 主杆长度:
900mm / 1000mm

Colour: 颜色:
Black (All)

Max Boat Length (Suggestion): 船长:
7m / 7.5m

FOLDABLE HANDLE
操控杆角度调节



This Trolling handle
has the folding
functions.
Folding angle: 100°

LEVEL LOCK BRACKET
角度调节支架



Offer 7 levels of
tilting position.

SPEED CONTROL
无极变速调节+熄火钥匙



Digital technology
provide stepless
forward and reverse
speed control.

BATTERY METER
电源显示



Display 5 levels of
battery power.

PROP-CLUTCH
螺旋桨离合功能



Prop temporarily
disengages on hard
impact preventing
damage to prop
motor.

The Protruar G series are equipped with powerful 24V brushless motors and provide excellent propulsion for a wide range of boats and waterways. Equipped with step-less adjustable speed control and a safety lanyard. The motor can easily be tilted in and out of the water and the trim height is adjustable by way of a quick lock mechanism, so you can motor in almost any level of water. As an added safety feature, the Protruar G series is equipped with anti-impact propeller technology, meaning that in the event of impact it will temporarily disengage to protect the motor and the propeller. They feature an LED battery level indicator. Suitable for both salt and fresh water use.

MODEL: **PROTRUAR**

50744
12V-1.0HP

50745
24V-2.0HP

50715
24V-3.0HP

电动无刷推进器系列



SPECIFICATIONS

MODEL: 产品型号:

50744 / 50745 / 50715

Shaft Power: 动力:

1HP / 2HP / 3HP

Comparable petrol outboards (thrust):
等效汽油机:

2HP / 3HP / 4HP

Peak Thrust in Lbs: 峰值推力:

65Lbs / 85Lbs / 110Lbs

Max Voltage: 电压:

DC 12V / 24V / 24V

Power - Max: 功率:

600W / 960W / 1440W

Amp - Max: 电流:

50A / 40A / 60A

Depth Adjustment: 深度调节:

Depth collar (All)

Prop Type: 螺旋桨型号:

3blade prop / 9.3inch diam (All)

Prop Speed at Full Power: 转速:

Max. 1250 rpm underwater (50744)

Max. 1350 rpm underwater (50745)

Max. 1450 rpm underwater (50715)

Battery Type Required: 电池要求:

1x105AH Deep Cycle (50744)

2x105AH Deep Cycle (50745, 50715)

Steering: 转向操控:

360 degree control (All)

Decibel Level (db): 噪音等级:

<55db (All)

Weight (N.W.): 重量:

6.6kg / 6.9kg / 9.9kg

Shaft Type: 主杆类型:

Cast Aluminium (50744, 50745)

Stainless Steel (50715)

Shaft Length: 主杆长度:

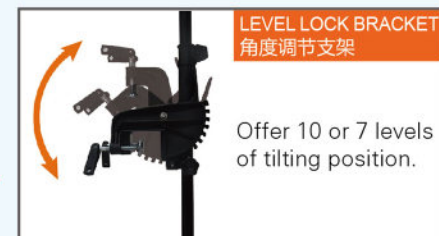
900mm (All)

Colour: 颜色:

Black (All)

Max Boat Length (Suggestion): 船长:

6m / 6.5m / 7m



These Protruar models are equipped with innovative and powerful 12V or 24V motors, providing excellent propulsion for a wide range of boats and waterways. Equipped with step-less adjustable speed control. The motor can easily be tilted in and out of the water and the trim height is adjustable by way of a quick lock system, so you can motor in almost any level of water. They feature an LED battery level indicator and are suitable for both salt and fresh water use.

图片与实物略有不同!
Actual model may vary from image!



MODEL: PROTRUAR

50719
24V-5.0HP

电动无刷推进器系列



紧急停止开关
Magnetic Kill Switch
Included

图片与实物略有不同！
Actual model may vary from image!



SPECIFICATIONS

MODEL: 产品型号:

50719

Shaft Power: 动力:

5HP

Comparable petrol outboards (thrust):

等效汽油机:

6HP

Peak Thrust in Lbs: 峰值推力:

160Lbs

Max Voltage: 电压:

DC 24V

Power - Max: 功率:

2520W

Amp - Max: 电流:

105A

Depth Adjustment: 深度调节:

Depth collar

Prop Type: 螺旋桨型号:

3blade prop / 10.7inch diam

Prop Speed at Full Power: 转速:

Max. 1450 rpm underwater

Battery Type Required: 电池要求:

2x120AH Deep Cycle

Steering: 转向操控:

360 degree control

Decibel Level (db): 噪音等级:

≤55db

Weight (N.W.): 重量:

14kg

Shaft Type: 主杆类型:

Stainless Steel

Shaft Length: 主杆长度:

1000mm

Colour: 颜色:

Black

Max Boat Length (Suggestion): 船长:

8m



The Protruar 5.0 is equipped with a powerful 24V brushless motor offering a massive 160 lbs thrust, offering excellent propulsion for a wide range of boats and waterways. Equipped with step-less adjustable speed control and a magnetic safety lanyard. The motor can easily be tilted in and out of the water and the trim height is adjustable by way of a quick lock mechanism, so you can motor in almost any level of water. This Protruar model also features an LED battery level indicator. Suitable for both salt and fresh water use.

MODEL: PROTRUAR

50754
12V-2.0HP

50756
12V-3.0HP

电动无刷推进器低电压大马力系列



SPECIFICATIONS

MODEL: 产品型号:

50754 / 50756

Shaft Power: 动力:

2HP/3HP

Comparable petrol outboards (thrust):

等效汽油机:

3HP/4HP

Peak Thrust in Lbs: 峰值推力:

85Lbs/110Lbs

Max Voltage: 电压:

DC 12V (All)

Power - Max: 功率:

720W/900W

Amp - Max: 电流:

60A/75A

Depth Adjustment: 深度调节:

Depth collar (All)

Prop Type: 螺旋桨型号:

3blade prop / 10.7inch diam (All)

Prop Speed at Full Power: 转速:

Max. 1150 rpm underwater (50754)

Max. 1250 rpm underwater (50756)

Battery Type Required: 电池要求:

1x120AH Deep Cycle (All)

Steering: 转向操控:

360 degree control (All)

Decibel Level (db): 噪音等级:

55db (All)

Weight (N.W.): 重量:

10.3kg/14.5kg

Shaft Type: 主杆类型:

Stainless Steel (All)

Shaft Length: 主杆长度:

900mm/1000mm

Colour: 颜色:

Black (All)

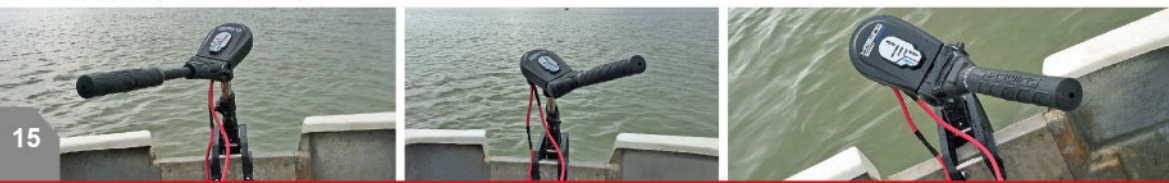
Max Boat Length (Suggestion): 船长:

6.5m/7m



The Protruar 3.0 is equipped with an innovative and powerful 110 lbs thrust from a 12V brushless motor, providing excellent propulsion for a wide range of boats and waterways. Equipped with step-less adjustable speed control and a magnetic safety lanyard. This motor can easily be tilted in and out of the water and the trim height is adjustable by way of a quick lock mechanism, so you can motor in almost any level water. It features an LED battery level indicator, and is suitable for both salt and fresh water use.

图片与实物略有不同!
Actual model may vary from image!



MODEL: PROTRUAR GENIUS

50765
12V-55Lbs

电动无刷推进器系列



图片与实物略有不同！
Actual model may vary from image!

SPECIFICATIONS

MODEL: 产品型号:

50765

Shaft Power: 动力:

55Lbs/40Lbs/30Lbs

Comparable petrol outboards (thrust):

等效汽油机:

1.5HP/1.2HP/1HP

Peak Thrust in Lbs: 峰值推力:

55Lbs/40Lbs/30Lbs

Max Voltage: 电压:

DC 12V

Power - Max: 功率:

660W/500W/360W

Amp - Max: 电流:

55A/42A/30A

Depth Adjustment: 深度调节:

Depth collar

Prop Type: 螺旋桨型号:

2blade prop /7.6inch diam

Prop Speed at Full Power: 转速:

Max. 1600 rpm underwater

Battery Type Required: 电池要求:

1x105AH Deep Cycle

Steering: 转向操控:

360 degree control

Decibel Level (db): 噪音等级:

≤50db

Weight (N.W.): 重量:

4.4kg

Shaft Type: 主杆类型:

Cast Aluminium

Shaft Length: 主杆长度:

800mm

Colour: 颜色:

Black

Max Boat Length (Suggestion): 船长:

5.5m



The Protruar Genius 55 lbs range features durable 12 volt broushless motors featuring selectable lbs thrust of 30, 40 or 55 models. Want to extend run-times, then select the lower lbs thrust mode.

Motor depth can easily be adjusted so you can motor in virtually any depth of water. The steering lever adjusts to different angles, is telescopic and extendable for comfortable control. All Protruar Genius models features an LED battery level indicator. Suitable for both salt and fresh water use.

MODEL: ULTIMA

50741
29.6V-3.0HP With LIPO Battery

电动无刷推进器带可充电锂电池豪华系列



SPECIFICATIONS

MODEL: 产品型号:

50741

Shaft Power: 动力:

3HP / 1HP

Comparable petrol outboards (thrust):

等效汽油机:

4HP / 2HP

Peak Thrust in Lbs: 峰值推力:

110Lbs / 65Lbs

Max Voltage: 电压:

DC 29.6V

Power - Max: 功率:

1030W / 480W

Amp - Max: 电流:

35A / 16A

Depth Adjustment: 深度调节:

Not Available

Prop Type: 螺旋桨型号:

3blade prop / 9.3inch diam

Prop Speed at Full Power: 转速:

Max. 1530 rpm underwater

Battery Type Required: 电池要求:

29.6V, 30AH rechargeable LIPO battery

Charging Time: 充电时间:

8-9 hours

Steering: 转向操控:

360 degree control

Decibel Level (db): 噪音等级:

≤55db

Weight (N.W.): 重量:

15.9kg

Shaft Type: 主杆类型:

Cast Aluminium

Shaft Length: 主杆长度:

540/630/700/760mm

Colour: 颜色:

Black

Max Boat Length (Suggestion): 船长:

7m



图片与实物略有不同!
Actual model may vary from image!



型号 MODEL	最大速度 Max.speed (km/h)	行程 Range (km)	最大持续时间 Max.running time hh:mm
慢档 (1.0HP) Slow (1.0HP)	4	8	02:00
快档 (3.0HP) Full throttle (3.0HP)	8.8	8.7	01:00

Output: 4A Charger Included

Input: 100V-240V 充电器已配备



MODEL: VENTURA T

50749
24V-5.0HP

电动无刷推进器豪华系列



SPECIFICATIONS

MODEL: 产品型号:

50749

Shaft Power: 动力:
5HP

Comparable petrol outboards (thrust):
等效汽油机:
6HP

Peak Thrust in Lbs: 峰值推力:
160Lbs

Max Voltage: 电压:
DC 24V

Power - Max: 功率:
2520W

Amp - Max: 电流:
105A

Depth Adjustment: 深度调节:
Not Available

Prop Type: 螺旋桨型号:
3blade prop / 10.7inch diam

Prop Speed at Full Power: 转速:
Max. 1450 rpm underwater

Battery Type Required: 电池要求:
2x120AH Deep Cycle

Steering: 转向操控:
360 degree control

Decibel Level (db): 噪音等级:
≤55db

Weight (N.W.): 重量:
15.7kg

Shaft Type: 主杆类型:
Stainless Steel + Aluminium

Shaft Length: 主杆长度:
760/630mm

Colour: 颜色:
Black

Max Boat Length (Suggestion): 船长:
8m



The Ventura T is equipped with a brushless 5.0/24V motor and is excellent for the propulsion of a wide range of boats and waterways. This powerful motor is equipped with step-less adjustable speed control and a safety lanyard. The motor can easily be tilted in and out of the water, so you can motor in virtually any water. The Ventura T model also features an LED battery level indicator. Suitable for both salt and fresh water.



MODEL: VENTURA F

50752
24V-5.0HP

电动无刷推进器豪华方向盘系列 Steering Wheel Series

电量指示区
Battery Meter 1

不配备 Not Included!



需要另配方向盘!
Steering Wheel Unit
Is Required!

支架
Level Lock Bracket 2

760mm
杆长可定制
Short & long
shaft lengths
available



标配!
Included!
前进/后退无级调速
Stepless Speed F/R

紧急停止开关
Magnetic Kill Switch
Included

DD Brushless Motor
无刷直驱电机

牺牲阳极
Sacrificial Anode 3

SPECIFICATIONS

MODEL: 产品型号:

50752

Shaft Power: 动力:
5HP

Comparable petrol outboards (thrust):
等效汽油机:
6HP

Peak Thrust in Lbs: 峰值推力:
160Lbs

Max Voltage: 电压:
DC 24V

Power - Max: 功率:
2520W

Amp - Max: 电流:
105A

Depth Adjustment: 深度调节:
Not Available

Prop Type: 螺旋桨型号:
3blade prop / 10.7inch diam

Prop Speed at Full Power: 转速:
Max. 1450 rpm underwater

Battery Type Required: 电池要求:
2x120AH Deep Cycle

Steering: 转向操控:
360 degree control

Decibel Level (db): 噪音等级:
≤55db

Weight (N.W.): 重量:
15.7kg

Shaft Type: 主杆类型:
Stainless Steel + Aluminium

Shaft Length: 主杆长度:
760/630mm

Colour: 颜色:
Black

Max Boat Length (Suggestion): 船长:
8m

Included!

STEPLESS SPEED CONTROLLER
无级变速器及感应开关



Digital technology provide stepless forward and reverse speed control. With magnetic kill switch is included.

LEVEL LOCK BRACKET
角度调节支架



Offer 4 levels of tilting position with 3 angles additional option.

STEERING WHEEL CONTROL
另购方向盘操控



An additional steering wheel unit is required. The steering angle: from -45° to +45°.

BATTERY METER
LED电源电压显示



Shows voltage of battery all the time.

图片与实物略有不同!
Actual model may vary from image!



The Ventura F series are equipped with a powerful 24V brushless motor offering up to 160 lbs thrust and are excellent for the propulsion of a wide range of boats and waterways. These powerful motor are equipped with step-less adjustable speed control and a magnetic safety lanyard. The motor can easily be tilted in and out of the water, so you can motor in almost any level of water. The Ventura F series features digital LED battery level indicator. An additional steering wheel unit is required. Suitable for both salt and fresh water use.

MODEL: ARMADA T

50731
48V-8.0HP

50732
48V-10.0HP

电动无刷推进器豪华系列

Brushless Motor
With Gear Box

无刷齿轮箱变速电机

电量指示区
Battery Meter

1 无级变速可伸缩手柄
Stepless Speed Control
Extendable Handle

3 角度调节旋钮
Foldable Handle

4 支架
Level Lock Bracket

前进/后退无级调速
Stepless Speed F/R

#59920

MAX 48V DC / 200A

标配!
Included!

540/670mm

5 Gearbox
变速齿轮箱

紧急停止开关
Magnetic Kill Switch
Included

SPECIFICATIONS

MODEL: 产品型号:

50731 / 50732

Shaft Power: 动力:
8HP / 10HP

Comparable petrol outboards (thrust):
等效汽油机:

10HP / 12HP

Peak Thrust in Lbs: 峰值推力:
250Lbs / 300Lbs

Max Voltage: 电压:
DC 48V (All)

Power - Max: 功率:
4320W / 6000W

Amp - Max: 电流:
90A / 125A

Depth Adjustment: 深度调节:
Not Available (All)

Prop Type: 螺旋桨型号:
3blade prop / 11.8inch diam (All)

Prop Speed at Full Power: 转速:
Max. 1050 rpm underwater (50731)
Max. 1200 rpm underwater (50732)

Battery Type Required: 电池要求:
4x120AH Deep Cycle (50731)
4x250AH Deep Cycle (50732)

Steering: 转向操控:
360 degree control (All)

Decibel Level (db): 噪音等级:
75db (All)

Weight (N.W.): 重量:
27.3kg / 28.8kg

Shaft Type: 主杆类型:
Cast Aluminium (All)

Shaft Length: 主杆长度:
540/670mm (All)

Colour: 颜色:
Black (All)

Max Boat Length (Suggestion): 船长:
9m (All)



SPEED CONTROL
推进变速调节

PWM controller
provide stepless
forward and reverse
speed control. With
magnetic kill switch.



EXTEND & FOLD
伸缩+角度调节操纵手柄

360mm length of
handle extension.
Trolling handle has
folding functions.
Folding angle: 180°



LEVEL LOCK BRACKET
角度调节支架

Offer 3 levels of
tilting position, the
angle is 18、27、60
degree.



BATTERY METER
LED电源电压显示

Shows voltage of
battery all the time.



WATER COOLING
循环式水冷系统

Water cooling
system is available
when the motor is
working forward.

图片与实物略有不同!
Actual model may vary from image!



The Armada T series are equipped with efficient 48V brushless motors providing powerful propulsion for a wide range of boats operating in various waterways. They offer flexible step-less speed adjustment and a safety lanyard offer an added degree of safety. These motors can easily be tilted in and out of the water so you can motor in almost any water level. The Armada T models also feature a digital LED battery level indicator. Suitable for both salt and fresh water use.

MODEL: ARMADA F

50733
48V-8.0HP

50734
48V-10.0HP

电动无刷推进器豪华方向盘系列 Steering Wheel Series

Brushless Motor
With Gear Box

无刷齿轮箱变速电机

电量指示区
Battery Meter

支架
Level Lock Bracket

变速齿轮箱
Gear Box

紧急停止开关
Magnetic Kill Switch
Included

不配备 Not Included!



需要另配方向盘!

Steering Wheel Unit
Is Required!

#59921



前进/后退无级调速
Stepless Speed F/R

标配! Included!

#59920



MAX 48V DC / 200A

540/670mm

SPECIFICATIONS

MODEL: 产品型号:

50733 / 50734

Shaft Power: 动力:

8HP / 10HP

Comparable petrol outboards (thrust):
等效汽油机:

10HP / 12HP

Peak Thrust in Lbs: 峰值推力:

250Lbs / 300Lbs

Max Voltage: 电压:

DC 48V (All)

Power - Max: 功率:

4320W / 6000W

Amp - Max: 电流:

90A / 125A

Depth Adjustment: 深度调节:

Not applicable (All)

Prop Type: 螺旋桨型号:

3blade prop / 11.8inch diam (All)

Prop Speed at Full Power: 转速:

Max. 1050 rpm underwater (50733)

Max. 1200 rpm underwater (50734)

Battery Type Required: 电池要求:

4x120AH Deep Cycle (50733)

4x250AH Deep Cycle (50734)

Steering: 转向操控:

360 degree control (All)

Decibel Level (db): 噪音等级:

75db (All)

Weight (N.W.): 重量:

27.3kg / 28.8kg

Shaft Type: 主杆类型:

Cast Aluminium (All)

Shaft Length: 主杆长度:

540/670mm (All)

Colour: 颜色:

Black (All)

Max Boat Length (Suggestion): 船长:

9m (All)

Included!



STEPLESS SPEED CONTROLLER
无级变速器及感应开关

Digitally controlled
step-less forward
and reverse speed.
Magnetic kill switch
is included.

MOTOR TILTING
角度调节支架



Offers 4 levels of
tilting position with
3 angles additional
option.

Not Included!



STEERING WHEEL CONTROL
另购方向盘操控

An additional
steering wheel unit
is required.
The steering angle:
from -45° to +45°.

BATTERY METER
LED电源电压显示



Shows voltage of
battery all the time.

WATER COOLED
循环式水冷系统



Water cooling
system operates
when moving
forward.

The Armada F series are equipped with efficient 48V brushless motors providing powerful propulsion for a wide range of boats operating in various waterways. They offer flexible step-less speed adjustment and a safety lanyard offer an added degree of safety. These motors can easily be tilted in and out of the water so you can motor in almost any water level. The Armada F models also features a digital LED battery level indicator. An additional steering wheel unit is required. Suitable for both salt and fresh water use.

图片与实物略有不同!
Actual model may vary from image!



All Propellers Here



MODEL:24000225

3-blade prop. / 9.3 inch

Suitable for MODEL:

50700, 50703, 50706, 50716, 50717, 50736



MODEL:24001176

3-blade prop. / 10.7 inch

Suitable for MODEL:

50719, 50749, 50752, 50754, 50756



MODEL:24001273

3-blade prop. / 9.3 inch

Suitable for MODEL:

50711, 50712, 50715, 50741, 50744, 50745



MODEL:24000333

3-blade prop. / 11.8 inch

Suitable for MODEL:

50713



MODEL:24000318

3-blade prop. / 11.8 inch

Suitable for MODEL:

50728



MODEL:24000825

2-blade prop. / 11.4 inch

Suitable for MODEL:

50718D, 50737, 50738, 50739, 50757



MODEL:24000236

2-blade prop. / 9 inch

Suitable for MODEL:

50701, 50702, 50708, 50714



MODEL:24000522

2-blade prop. / 5.9 inch

Suitable for MODEL:

50735



MODEL:24001357

3-blade prop. / 11.8 inch

Suitable for MODEL:

50731, 50732, 50733, 50734



MODEL:24002005

2-blade prop. / 7.6 inch

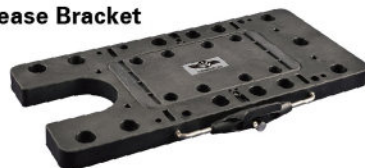
Suitable for MODEL:

50765, 54706

Full Range Supply



Quick Release Bracket
快拆板



MODEL:59927

Suitable for MODEL:
50700, 50718D, 50736, 50737

Quick Release Bracket
快拆板



MODEL:59929

Suitable for MODEL: 50738, 50739

Speed Controller
调速器



MODEL:59921

Suitable for MODEL:50733, 50734, 50752

DC Adapter 直流电源适配器



MODEL:59915

Input Voltage:8-15V; Output Voltage:5V,
Output Current:1.2A Max.

Suitable for MODEL:

50802, 50802N, 50805, 50805N, 50806,
50806N and Smartphones

Charging example!



Transformative Bracket
转换支架



MODEL:59913

Change the bow motor to transom motor.

Suitable for MODEL:

50736, 50737, 50738, 50739, 50742, 50743

Metal Display Stand
推进器展示架



MODEL:59904

Size:40cmX50cmX85cm

Material:Powdered coated Steel

Suitable for MODEL:

For HASWING electric motors

Kill Switch
紧急停止拉索



MODEL:24000645

Suitable for MODEL: 50713, 50728

Magnetic Kill Switch
紧急停止开关



MODEL:24000392

Suitable for MODEL:

50719, 50731, 50732, 50733, 50734, 50741,
50749, 50752, 50754, 50756, 54706

Sacrificial Anode A
牺牲阳极 A



MODEL:59907

Φ10mm hole

Suitable for MODEL:

For HASWING electric motors

Sacrificial Anode B
牺牲阳极 B



MODEL:59908

Φ8mm hole

Suitable for MODEL:

For HASWING electric motors

60-Amp Clips
小鳄鱼夹



MODEL:59912

Suitable for MODEL: Amp-Max.: 60A

120-Amp Clips
大鳄鱼夹



MODEL:59916

Suitable for MODEL: Amp-Max.: 120A

Full Range Supply



Wireless Foot Controller

无线脚踏控制器

**MODEL:50805**2.4GHz; LCD Display; With USB Charger;
3.7V/1100mAh **LIPO** battery included.**Suitable for MODEL:**
50736, 50737, 50739

Wired Foot Controller

有线脚踏控制器

**MODEL:24000392**
LCD Display**Suitable for MODEL:**
50700, 50706, 50718D, 50757,

Circuit Breaker 200A

船用大电流开关(200A)

**MODEL:59920****Suitable for MODEL:50731, 50732, 50733,**
50734

Wireless Remote Controller for GPS motors

无线遥控器(GPS)

**MODEL:50806**2.4GHz; Bluetooth; Wifi;
3.7V/1100mAh **LIPO** battery included;
With USB Charger**Suitable for MODEL:**
50736, 50737, 50739

Wireless Foot Controller

无线脚踏控制器

**MODEL:50810**2.4GHz; LCD Display; With USB Charger;
3.7V/1100mAh **LIPO** battery included.**Suitable for MODEL:50738**

Circuit Breaker 80A (Waterproof)

船用大电流开关(80A)

**MODEL:59928****Suitable for MODEL: 50700,50718D,50736,**
50737,50738,50739

Charger For Ultima Battery

充电器

**MODEL:59917****Suitable for MODEL:59925**

Wireless Remote Controller

无线遥控器

**MODEL:50802**433MHz; With USB Charger;
3.7V/200mAh **LIPO** battery included;**Suitable for MODEL:**
50700, 50718D, 50706, 50757

Wireless Remote Controller for GPS motors

无线遥控器(GPS)

**MODEL:50809**2.4GHz; Bluetooth; Wifi;
3.7V/1100mAh **LIPO** battery included;
With USB Charger**Suitable for MODEL:**
50738

Battery Pack

29.6V/30Ah 锂电池

**MODEL:59925**29.6V/30Ah **LIPO** battery.
Suitable for MODEL:50741