



中国船级社  
CHINA CLASSIFICATION SOCIETY

证书编号/Certificate No.  
GZ20PTB00083

型式认可证书  
CERTIFICATE OF TYPE APPROVAL

兹证明本证书所述制造厂具备按照下列标准的要求生产本证书所列产品的能力和条件。

This is to certify that the manufacturer stated in the certificate meets the requirements of the standards listed below and is available with the ability and conditions to produce the products described in the certificate.

制造厂/Manufacturer

广东逸动科技有限公司  
Guangdong ePropulsion Technology Limited

地址/Address

广东省东莞市松山湖园区新竹路4号17栋1单元201室  
Room 201, Bldg. 17A, 4 Xinzhu Rd, Songshan Lake, Dongguan, Guangdong Province, China

产品名称/Product

舷外挂机  
Outboard Engine

认可标准/Approval Standard

1. 中国船级社《沿海小船入级与建造规范》(2005)第4、5章  
Chapter 4&5 of CCS Rules for the Construction and Classification of Coastal Boats 2005
2. 中国船级社《内河小型船舶建造规范》(2006)第5、6章  
Chapter 5&6 of China Classification Society Rules for Construction of Inland Waters Small Ships 2006
3. 中国船级社《游艇入级与建造规范》(2020)第1篇第3、4章  
Chapter 3&4, Part One of China Classification Society Rules for Construction and Classification of Yacht 2020

用于/Intended for

沿海小船/Coastal Boats, 内河小型船舶/Inland waters small ship, 游艇/Yacht ( $\leq 24M$ )

产品明细/Product Description

舷外挂机/Outboard Engine (M0001)

名称/Name	属性(值)/Value	单位/Unit
型号/Type	SPIRIT 1.0 PLUS	
型式/Model	电动型 Electric Type	
额定转速/Rated Speed	1200	r/min
额定功率/Rated Power	1.0	kW
额定电流/Rated Current	20.8	A
额定电压/Rated Voltage	DC48	V
输入电压范围/Input Voltage Range	DC39-60	V

证书有效期至/This Certificate is valid until 2025年01月13日/Jan. 13,2025

发证机构 中国船级社广州分社  
Issued by CCS Guangzhou Branch

签发日期 2021年01月14日  
Date Jan. 14,2021

本证书根据中国船级社规范和相关规定签发。所有证书页为一个整体，必须同时使用。纸质证书每页均须由本社盖章方为有效，电子证书含数字签名方为有效，本证书复印件无效。任何单位和个人均不应摘录或节选本证书的部分内容。有关方对所持证书的真实性有疑问时，可向本社检验机构咨询。This Certificate is issued pursuant to the Rules of the Society and related regulation. All pages of the certificate are taken as a whole and are used simultaneously. No paper certificate page is valid without bearing the stamp of the Society, no electronic certificates are taken as a whole and are used simultaneously. No certificate is regarded as valid. Any part of the certificate is not to be extracted or abridged by any unit or individual in any form. Related parties who are doubted about the authenticity of the certificate may inquire of the Society or its offices.

Form No: T01.

联系方式/Contact Us, 见本社官方网站/See official web site of the Society (<http://www.ccs.org.cn>)



UTN:P020-76754147



## 舷外挂机/Outboard Engine (M0002)

名称/Name	属性(值)/Value	单位/Unit
型号/Type	NAVY3.0	
型式/Model	电动型 Electric Type	
额定转速/Rated Speed	2300	r/min
额定功率/Rated Power	3.0	kW
额定电流/Rated Current	62.5	A
额定电压/Rated Voltage	DC48	V
输入电压范围/Input Voltage Range	DC39-60	V

## 舷外挂机/Outboard Engine (M0003)

名称/Name	属性(值)/Value	单位/Unit
型号/Type	NAVY 6.0 EVO	
型式/Model	电动型 Electric Type	
额定转速/Rated Speed	1500	r/min
额定功率/Rated Power	6.0	kW
额定电流/Rated Current	125	A
额定电压/Rated Voltage	DC48	V
输入电压范围/Input Voltage Range	DC39-60	V

## 舷外挂机/Outboard Engine (M0004)

名称/Name	属性(值)/Value	单位/Unit
型号/Type	F10	
型式/Model	电动型 Electric Type	
额定转速/Rated Speed	1500	r/min
额定功率/Rated Power	10.0	kW
额定电流/Rated Current	105	A
额定电压/Rated Voltage	DC96	V
输入电压范围/Input Voltage Range	DC77-116	V

## 批准的图纸/Approved Drawings

图纸批准号/ Drawings Approval No. : GP20PPP00252、GP20PPP00253、GP20PPP00254、GP20PPP00255

## 产品认可试验报告/ Approval Test Report

试验报告编号/ Test Report No. : EP-SOP-111/A0-20210112

试验报告日期/ Test Report Date : 2021-01-12

试验单位/ Laboratory: 广东逸动科技有限公司 Guangdong ePropulsion Technology Limited

试验单位地址/ Test Address: 广东省东莞市松山湖园区新竹路4号17栋1单元201室 Room201,Bldg.17A,4 Xinzhu Rd,Songshan Lake,Dongguan,Guangdong Province,China

试验报告编号/ Test Report No. : WTS2020-27127, WTS2020-27376

试验报告日期/ Test Report Date : 2020-12-24

试验单位/ Laboratory: 威凯检测技术有限公司 Vkan Certificate & Testing Co.,Ltd

试验单位地址/ Test Address: 广州市科学城开泰大道天泰一路3号 No.3 Tiantaiyi Road,Kaitai Avenue,Science City,Guangzhou

试验报告编号/ Test Report No. : WTS2020-27028, WTS2020-27374, WTS2020-27374-1, WTS2020-26850

试验报告日期/ Test Report Date : 2021-01-12

试验单位/ Laboratory: 威凯检测技术有限公司 Vkan Certificate & Testing Co.,Ltd

试验单位地址/ Test Address: 广州市科学城开泰大道天泰一路3号 No.3 Tiantaiyi Road,Kaitai Avenue,Science City,Guangzhou

## 认可后的产品检验方式/ Method of Product Inspection after Approval

按规范认可后应进行产品检验的产品/The product should be inspected in term of the rules:





认可后的产品检验应由本社验船师根据本社规范规定按批准的产品检验计划进行检验，经检验合格后由本社颁发船用产品证书。

After approval, product inspection should be carried out by the Surveyor of the Society in accordance with the approved product inspection scheme, and the Marine Product Certificate will be issued by the Society upon satisfactory inspection.

### 认可保持条件/ Maintenance Requirements of Approval

1. 型式认可后，如果产品及其重要零部件的设计、所用材料或制造方法有所改变，且影响到产品的主要特性、特征；或产品的性能指标有所更改，且超过认可的范围，则有关图纸和文件应经检验机构审批。并在检验机构认为必要时，经本社检验人员见证有关试验和进行检查，其结果应能证实仍符合认可条件。

After type approval, if there are changes to the design, materials used or manufacturing method of the product and important components and such changes affect major characteristics and properties of the product, or property indexes of the product are changed and exceed the scope of approval, related drawings and documents are to be examined and approved by the concerned survey office. Where deemed necessary by the survey office, the surveyor to the Society will go to witness relevant tests and conduct inspection and the results should be able to demonstrate compliance with the approval conditions.

2. 工厂的质量管理体系应保持有效运行，并且与认可时一致。如果质量管理体系发生改变，应经原体系认证机构审核并报本社批准。

The quality management system of the factory shall be ensure effective operation, and shall be the same as the situation of approval. If there are any changes to the quality management system, auditing of the original certification organization for quality management system and the society's approval shall be obtained.

3. 认可证书有效期内，如果出现可能导致本社取消认可的情况，工厂应及时采取有效的纠正措施。

Within the validity of the approval certificate, if cases occur that may cause the Society to withdraw the approval, the manufacturer should take corrective actions in a prompt and effective manner.

4. 在认可证书有效期内，本社检验人员可在未经事先通知的情况下对工厂的产品制造过程进行审核，以验证产品的生产是否符合业经本社批准的图纸和文件。工厂应予以配合。

Within the validity of the approval certificate, the surveyor to the Society may pay unannounced audit to the manufacturing process of the product in order to confirm whether it is in compliance with the drawings and documents approved by the Society. The factory should provide an active cooperation and necessary for the surveyor.

5. 如果属于获得型式认可B 模式证书，且无需颁发船用产品证书/等效证明文件的情况，证书获得者应接受本社每年一次的定期审核，定期审核日为认可证书期满之日对应的每一周年日，检查工作应在周年日的前后三个月内进行。

If belong to the situation of the product has type approval mode B certificate, and marine product certificate/equivalent document is not necessary, those who have obtained the certificate should be subject to periodical audit every year. The date of periodical audit shall be each anniversary date which corresponds to the date of expiry of the relevant certificate and the periodical audit shall be done within a time span of three months before and after the annual surveillance date.

### 备注/Remarks

1, 本社已审核了产品厂无石棉声明，但本社的审核不免除产品厂按照合同关系向订货方保证产品无石棉的责任。The declaration of asbestos-free submitted by manufacturer has been reviewed by the Society. However, liability of the manufacturer to guarantee the products are asbestos-free to purchaser under contract will not be exempted.

2, 工厂地址/Factory address: 广东省东莞市大朗镇象和三路22号9栋901室  
Room 901, 9F, Block E, Xiangjian TechPark, No. 22, Xianghe San Road, Shuiping Village, Dalang, Dongguan, Guangdong Province, China

中国船级社广州分社  
CCS Guangzhou Branch





**中国船级社**  
CHINA CLASSIFICATION SOCIETY  
**船用产品证书**  
CERTIFICATE OF MARINE PRODUCT

证书编号/Certificate No.

兹证明本证书所列产品经本社署名验船师检验，符合本证书注明标准的要求。  
This is to certify that the following products have been inspected by the undersigned surveyor of the Society and are found to comply with the requirements of the specified standards.

<b>产品名称</b> Product	<b>舷外挂机</b> Outboard Engine
申请方 Applicant	广东逸动科技有限公司 Guangdong ePropulsion Technology Limited
制造厂 Manufacturer	广东逸动科技有限公司 Guangdong ePropulsion Technology Limited
订货方 Purchaser	
认可证书号/Certificate No. of Approval	图纸批准号/Approval No. of Drawings
用于/Intended for	沿海小船/Coastal Boats, 内河小型船舶/Inland Waters Small Ships, 游艇/Yachts (≤24M)
产品编号/Serial No.	

**产品检验标准/Product Inspection Standard**

- 中国船级社《沿海小船入级与建造规范》(2005)第4、5章  
Chapter 4&5 of China Classification Society Rules for the Construction and Classification of Coastal Boats 2005
- 中国船级社《内河小型船舶建造规范》(2006)第5、6章  
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Chapter 3&4, Part One of China Classification Society Rules for Construction and Classification of Yachts 2020

**产品明细/Product Description**

舷外挂机/Outboard Engine (M0001)

名称/Name	属性(值)/Value	单位/Unit
型号/Type	SPIRIT 1.0 PLUS	
型式/Model	电动型 Electric Type	
产品编号/Serial No.		
数量/Quantity	1	台/pcs
额定转速/Rated Speed	1200	r/min
额定功率/Rated Power	1.0	kW
额定电流/Rated Current	20.8	A
额定电压/Rated Voltage	DC48	V
输入电压范围/Input Voltage Range	DC39-60	V
制造日期/Date of Manufacture	2021年7月10日	

**产品检验标志/Marking**

位置/Position: 在产品铭牌上 / On the nameplate of the product  
标志样式/Type of Marking: 钢印标志 / CCS steel stamp

发证日期 2021年08月10日      验船师  
Date of issue Aug. 10, 2021      Surveyor 叶伟平 Ye Weiping

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**备注/Remarks**

本社已审核了产品厂无石棉声明，但本社的审核不免除产品厂按照合同关系向订货方保证产品无石棉的责任。  
The declaration of asbestos-free submitted by manufacturer has been reviewed by the Society. However, liability of the manufacturer to guarantee the products are asbestos-free to purchaser under contract will not be exempted.

**中国船级社东莞办事处**  
**CCS Dongguan office**