



中国船级社
CHINA CLASSIFICATION SOCIETY

证书编号/Certificate No.
SZ24PTB00045

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 Co.,Ltd.

地址/Address

广东省东莞市松山湖园区大学路11号1栋801室
Room 801, Building 1, 11 Daxue Road, Songshan Lake, Dongguan, Guangdong Province, China

产品名称/Product

舷外挂机
Outboard Engine

认可标准/Approval Standard

- 中国船级社《内河小型船舶建造规范》第5、6章
Chapter 5&6 of China Classification Society Rules for Construction of Inland Waters Small Ships
- 中国船级社《游艇入级与建造规范》第1篇第3、4章
Chapter 3&4, Part One of China Classification Society Rules for Construction and Classification of Yacht
- 中国船级社《小型海船入级规范》第4、5章
Chapter 4&5 of CCS Rules for the Classification of Coastal Boats

用于/Intended for

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

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 2030年01月13日/Jan. 13,2030

发证机构/Issued by 中国船级社深圳分社
CHINA CLASSIFICATION SOCIETY Shenzhen Branch

签发日期/Date 2025年01月21日
Jan. 21,2025

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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:P025-01604933

舷外挂机/Outboard Engine (M0002)

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

舷外挂机/Outboard Engine (M0003)

名称/Name	属性（值）/Value	单位/Unit
型号/Type	NAVY 6.0 Evo (2024)	
型式/Model	电动型 Electric Type	
额定转速/Rated Speed	1700	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	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 (M0005)

名称/Name	属性（值）/Value	单位/Unit
型号/Type	X20	
型式/Model	电动型 Electric Type	
额定转速/Rated Speed	1100~1620	r/min
额定功率/Rated Power	8~25	kW
额定电流/Rated Current	117~196	A
额定电压/Rated Voltage	DC48~102.4	V
输入电压范围/Input Voltage Range	DC36~115	V

舷外挂机/Outboard Engine (M0006)

名称/Name	属性（值）/Value	单位/Unit
型号/Type	X40	
型式/Model	电动型 Electric Type	
额定转速/Rated Speed	1000~2150	r/min
额定功率/Rated Power	20~45	kW
额定电流/Rated Current	195~440	A
额定电压/Rated Voltage	DC48~102.4	V
输入电压范围/Input Voltage Range	DC36~115	V

舷外挂机/Outboard Engine (M0007)

名称/Name	属性（值）/Value	单位/Unit
型号/Type	X12	
型式/Model	电动型 Electric Type	
额定转速/Rated Speed	750~2000	r/min
额定功率/Rated Power	4~12	kW

额定电流/Rated Current	39~118	A
额定电压/Rated Voltage	DC48~102.4	V
输入电压范围/Input Voltage Range	DC36~115	V

批准的图纸/Approved Drawings

图纸批准号/ Drawings Approval No. : GP20PPP00252、GP20PPP00253、GP20PPP00254、GP20PPP00255、GP23PPP00460、GP23PPP00263、GP23PPP00264、GP23PPP00265

产品认可试验报告/ Approval Test Report

试验报告编号/ Test Report No. : DSPS2PA1000
试验报告日期/ Test Report Date : 2025-01-03

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

试验报告编号/ Test Report No. : WTS2024-8823
试验报告日期/ Test Report Date : 2024-07-12

试验报告编号/ Test Report No. : EP-DL-SOP-X40-01
试验报告日期/ Test Report Date : 2024-04-09

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

试验报告编号/ Test Report No. : F-2308003
试验报告日期/ Test Report Date : 2023-08-25

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.

备注/Remarks

本证书由原型式认可证书（No. GZ23PTB00164）换新并替代原证书。

This certificate is renewed from and supersedes the previous Type Approval Certificate No. GZ23PTB00164.

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.

工厂地址/Factory address: 广东省东莞市松山湖园区兴业路2号2栋101室201室、301室、401室。

Room 101, Room 201, Room 301, Room 401, Building 2, 2 Xingye Rd, Songshan Lake, Dongguan City, Guangdong Province.

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