CETIG · 华巽云科技投资控股集团 | 产品规格说明书 / Product Specification



船员版气胀式救生衣 HXY-Q-A1

Crew Inflatable Life Jacket HXY-Q-A1

型号 SKU	HXY-Q-A1
产品类别	水面救援装备 / Surface Rescue Equipment
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1. 产品概述 Product Overview

船员版气胀式救生衣 HXY-Q-A1 面向远洋及沿海船舶的船员日常穿戴场景。救生衣平时收纳于衣身内，不影响甲板作业；一旦落水，可手自一体自动充气，也可手动拉拽充气，数秒内展开为全包围气囊。

The HXY-Q-A1 crew inflatable life jacket is designed for daily wear by crews on ocean-going and coastal vessels. The bladder stays neatly folded inside the collar until it is needed; on immersion it inflates automatically (manual backup included) and deploys into a full-surround buoyancy collar within seconds.

≥160N 的大浮力可将穿着者迅速托起并保持面部朝上的漂浮姿态，气囊内气体可保存 5 天以上，持续漂浮时间超过 24 小时，为海上搜救争取充分时间。

With 160N of buoyancy, the wearer is turned face-up quickly and kept afloat, while the airtight bladder retains gas for more than 5 days and supports flotation for over 24 hours — maximizing survival time while SAR teams respond.

2. 核心特点 Key Features

- **大浮力**：浮力≥160N，成人落水快速上浮
  160N buoyancy: brings adults back to the surface fast
- **长效漂浮**：漂浮时间>24小时
  24h+ flotation: stays afloat over 24 hours
- **双重触发**：手自一体+手动两种触发方式
  Dual trigger: automatic + manual inflation
- **气体保持**：气囊内气体保存时间≥5天
  5-day gas retention in the bladder:
- **轻量舒适**：整衣重量≤1.5kg，不影响日常作业
  Lightweight: ≤1.5kg, easy for daily wear

3. 技术规格 Technical Specifications

整衣重量 Total Weight	**≤1.5kg**
CO2气瓶 CO2 Cylinder	**16g×2**
浮力 Buoyancy	**≥160N**

气囊内气体保存时间 Gas Retention	**≥5天（≥5 days）**
漂浮时间 Flotation Time	**>24h**
24小时后浮力损失 Buoyancy Loss after 24h	**≤5%**
触发方式 Inflation Trigger	**手自一体 + 手动（Automatic + manual）**

4. 应用场景 Applications

- 江河、湖泊、水库等内陆水域的人员落水救援与物资投送
  Man-overboard rescue and payload delivery in rivers, lakes and reservoirs
- 近海、海岸线、港口与码头的巡逻值守与应急处置
  Patrol, standby and emergency response along coasts, harbours and piers
- 洪涝灾害、城市内涝等水域险情的快速抵近侦察
  Rapid close-range reconnaissance during floods and urban inundation
- 应急管理、海事、消防救援队伍的常态化训练与实战配备
  Routine training and operational deployment for emergency, maritime and fire rescue teams

5. 包装与交付 Packaging & Delivery

包装方式 Packing	**采用瓦楞纸箱（或按需求木箱）包装，内衬防震材料，适配长途海运与空运。** **Packed in corrugated cartons (or wooden cases on request) with shock-absorbing lining, suitable for long-distance sea and air freight.**
交付内容 Delivery Contents	**主机 / 整套装备、标准配件、中文与英文说明书、合格证、保修卡。** **Main unit / complete set, standard accessories, Chinese and English manuals, certificate of conformity and warranty card.**
定制服务 Customisation	**支持 OEM / ODM、标识定制、包装定制与说明书本地化，可按项目需求配置。** **OEM / ODM, logo and packaging customisation and manual localisation are available to project requirements.**
质保与售后 Warranty & Service	**整机质保 12 个月（易损件除外），提供远程技术支持与备件供应。** **12-month warranty for the main unit (consumable parts excluded), with remote technical support and spare-part supply.**
认证文件 Certification	**可按需要提供现有认证及检测报告文件，具体以实际获证情况为准。**

	Existing certificates and test reports can be provided on request; actual certification status prevails.

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