

Official resource

Lithium Battery Control Checklist for Yachts

SLUG	lithium-battery-control-checklist-for-yachts
SUMMARY	Control checklist for lithium-ion batteries carried or installed onboard, covering inventory, charging, damaged packs, storage, guest devices, tenders, toys, and transport escalation.
RESOURCE TYPE	Checklist
RESOURCE AREA	Power & electrical
INTENDED AUDIENCE	Captains, chief engineers, ETOs, deck teams, pursers, yacht managers
ESTIMATED USE MINUTES	20
DOCUMENT LABEL	Download PDF
PDF	lithium-battery-control-checklist-for-yachts-v1-0.pdf
VERSION	1.0
PUBLICATION STATUS	Published resource archive
IMPORTANT NOTE	This resource is practical operational guidance. It does not replace the vessel SMS, flag or class requirements, manufacturer manuals, competent electrical advice, or the authority of the Captain and responsible technical officers onboard.

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Inventory

- Lithium batteries listed by device, location and owner.
- Installed systems separated from carried items, toys and spare packs.
- Battery rating, charger type and manufacturer recorded where practical.
- Guest or contractor high-energy batteries declared where policy requires.
- Damaged, suspect or saltwater-exposed packs identified.

Charging controls

- Approved charging locations defined.
- Night or unattended charging rules defined.
- Correct charger matched to each device.
- Charging area clear of combustible storage.
- Ventilation and detection reviewed.

Damaged battery response

- Stop use for swelling, heat, smoke, smell, impact damage, water immersion or charger alarm.
- Quarantine location identified.
- Manufacturer emergency guidance available.
- Captain and engineering notified.
- Return, disposal or transport route escalated to competent support.

Management checks

- Lithium policy briefed to deck and interior crew.
- Tender, toy and guest-device risks reviewed before busy trips.
- Manufacturer data and emergency contacts available.
- Insurance or management notified when significant damaged batteries are carried.
- Incident and disposal records retained.