

Official resource

# UPS Runtime and Critical Load Register

SLUG	ups-runtime-and-critical-load-register
SUMMARY	Register template for yacht UPS-backed critical loads, covering protected equipment, actual runtime, bypass status, battery age, monitoring, alarms, and replacement planning.
RESOURCE TYPE	Checklist
RESOURCE AREA	Power & electrical
INTENDED AUDIENCE	ETOs, AV/IT officers, chief engineers, yacht managers
ESTIMATED USE MINUTES	18
DOCUMENT LABEL	Download PDF
PDF	ups-runtime-and-critical-load-register-v1-0.pdf
VERSION	1.0
PUBLICATION STATUS	Published resource archive
IMPORTANT NOTE	<b>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.</b>

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## UPS identification

- UPS name and location recorded.
- Protected loads listed.
- Load category assigned: guest, operational, safety-adjacent or approved emergency if applicable.
- UPS capacity, model and serial recorded.
- Battery chemistry and battery installation date recorded.

## Runtime evidence

- Actual load recorded.
- Last runtime test date recorded.
- Tested runtime recorded.
- Battery state and self-test result recorded.
- Next test and replacement date assigned.

### Monitoring

- Normal, battery and bypass modes understood.
- UPS alarms visible to engineering, ETO or monitoring dashboard.
- Network card or management interface checked.
- Bypass state escalated as a defect.
- Alarm history reviewed after power events.

### Critical load review

- Firewall, WAN, SatCom, CCTV, access control, monitoring, servers and bridge-adjacent loads reviewed.
- Old loads removed from register.
- New AV/IT or security loads added after refit.
- Management informed of battery replacement budget before failure.