



System 8

A Lightweight, Portable, Ballistic Proof, Emergency Deployment Area & Submersible Field Operating System

Commercial in Confidence

The following document is "living" and outlines the latest standard of system 8 development and testing, System 8 is available commercially as advanced fully specified demonstration equipment ahead of and used for large commercial contracts

Nato Stock Number Pending
NCAGE U0NT0

Intended Use

System 8 weighing approximately 15Kg (depending on configuration) is a long storage, battery backed deployable system capable as operating as a divers or portable light from battery or mains at depths in excess of 400meters whilst being primarily a quick deployment area light for incidents, temporary or permanent in field camps and perimeters.

The system can run independently from generated mains whilst simultaneously charging UPS batteries for both the area light and other equipment. In the event of mains failure the battery system can automatically switch in to provide 12000 lumens for a period of 8 hours or longer upon request.

All batteries optics and parts are fully interchangeable between all parts of the system and remote power from system 8 can be configured for other unrelated equipments such as radios etc.

System 8 has built in temperature controls that automatically ensure during charge or use periods batteries are maintained above zero degrees and is therefore suitable for any environment on the planet.

System 8 is currently on trial with two NATO partners and as such offers complete system integration between camp lighting, covert, vehicle, perimeter and any other deployment scenario provided by Orcalight, from underwater throughout the entire spectrum of applications, whilst also maintaining system compatibility between independent NATO forces providing worst case continuity of service due to its unique system of completely compatible quick connect modules

1 Package
30000 lumen underwater
12000 lumen in air
100-265Vac 50-60Hz
800W battery backup
>400m Marine Grade
Ballistic proof to 5.56Nato Round
Approx 15-20Kg Max

Mains Charging and Storage



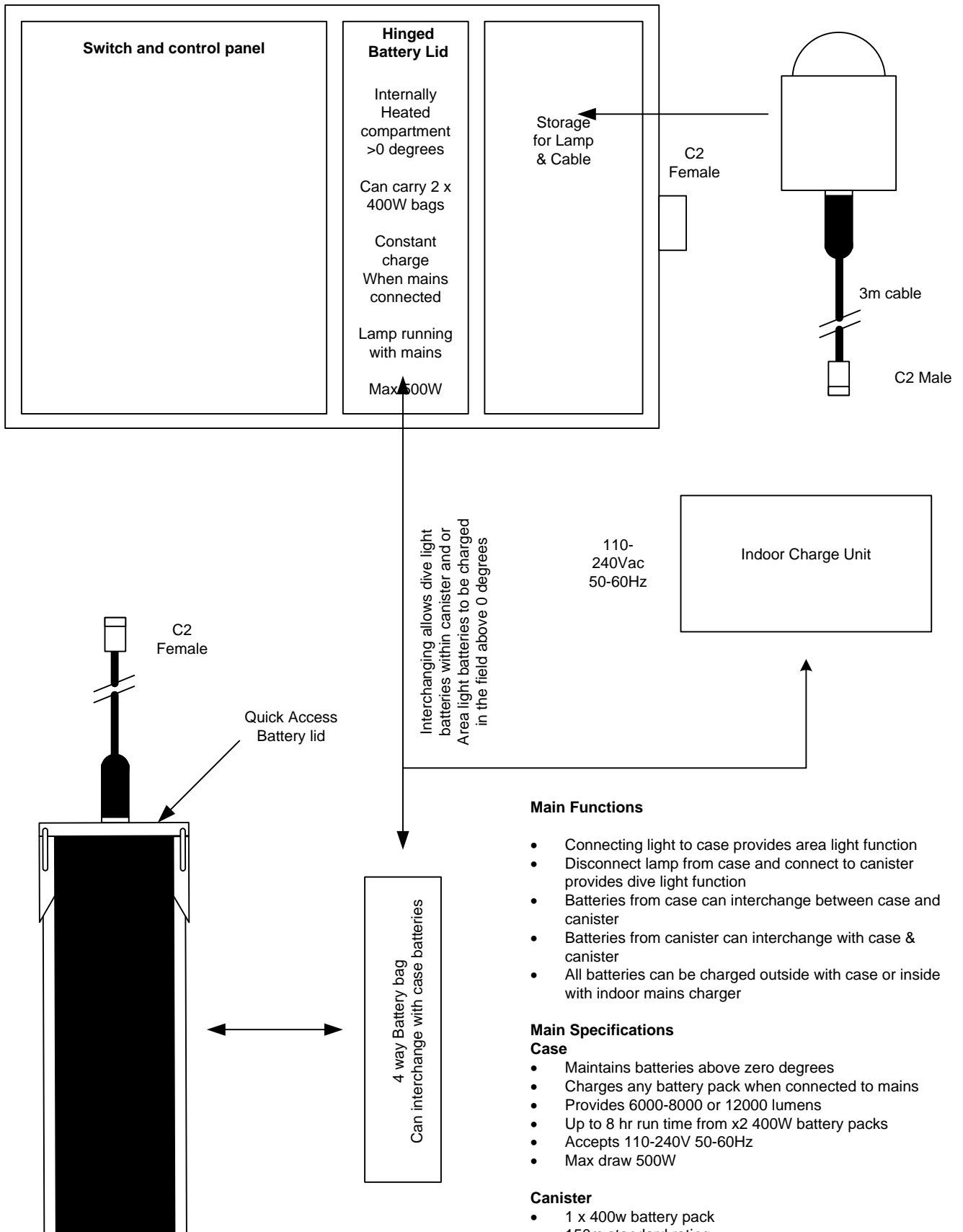
Area Light



Portable Battery & Underwater



Main Case



Separate canister to convert lamp head area light into a canister powered divers light at 30000 lumens for 90 minutes

Other addons such as extender cable available to run lamp head underwater from mains