



Sealite can design and build complete power systems for remote Navaid installations.

The Sealite systems incorporate high-quality solar modules to suit marine environments, advanced charging regulators, battery back-up, vented marine battery enclosures and all mounting hardware and accessories.

A range of charging regulators are available from simple switch-mode to advanced solar regulation and data-logging designed to allow users to readily check battery status, charging rate and historical data.

The battery back-up and solar regulation are typically housed in rotationally-moulded water-resistant cases, the security of which may be further enhanced by custom built tamper-proof enclosures on request.





Standard 110v - 240v mains installations may be supported with redundant battery or solar backup allowing critical navaid systems to continue operation in the event of power failure.



All solar installations must be configured to suit the particular regional installation.

Solar modules are generally rated on the basis of being exposed to direct sunlight at 25°C at an angle of 15° plus latitude.

At this point the module is receiving maximum sunlight. Solar modules will provide reduced output on cloudy or overcast days (on a heavy overcast day battery charging could be reduced by up to 85%).

Seallite has records of averaged solar irradiation data from thousands of locations worldwide available at www.seallite.com.au, and our staff are pleased to offer advice on suitable power requirements for your project.

