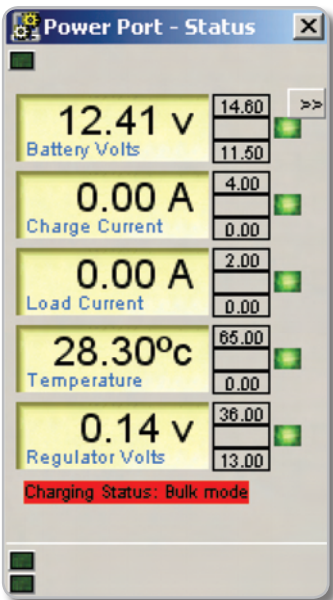




TailBuoy Charger/Regulator

- Small, encapsulated electronic design.
- Waterproof IP 68 rated electronic enclosure.
- Flexible connectivity to devices.
- High temperature shutdown protection.
- Intelligent interface provides battery/charging status.



The Seemap Tailbuoy Charger/Regulator Unit is designed to interface with devices that are utilized on streamer tailbuoys.

The unit is small, submersible to 10m and provides connection to various devices with submersible connectors. The main function is to charge/regulate batteries using sources that may be provided by a streamer cable, an underwater alternator or solar panels. These power sources may be used separately or combined.

a status message, sent via telemetry to the vessel which displays the voltage and charging current of the battery.

Other devices can be powered from the unit, such as:-

- Acoustic Modules.
- Strobe Lights.
- RGPS Modules.

When used in conjunction with Seemap Buoylink RGPS Module the unit provides

TailBuoy Charger/Regulator

Specifications

Inputs	Syntrak Or Seal 40vdc From Streamer Stic Cable, Water Alternator 24VAC. Eg: Ampair U/W Or Solar Panel
Current Limit	0.7A For Streamer Cable, 3A For Water Alt
Charger	Two Stage, Bulk And Float, Encapsulated Microcontroller Electronics
Outputs	Serial Data String With Battery Voltage, Charger Input, Load Current, Charge Current, Temp, Charger State and Water Alternator Status Sent To Vessel Via Buoylink RGPS Pod
Power Connections	Buoylink RGPS Module Strobe Light Battery Acoustic Pod Streamer Cable Solar Panel Interface (Optional) Underwater Generator (Optional)
Data Connections	RGPS Data to Streamer Cable. Compass/Acoustic Pair to Streamer Cable
Charger Dimensions	160mm x 160mm x 95mm
Rating	IP68, Submersible for Extended Periods
Material	GRP, Sealed
Safety	Automatic Shutdown On High Temp



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