



## SEA UPS SUBSEA UNINTERRUPTIBLE POWER SUPPLY

The SeaUPS is a subsea Uninterruptible Power Supply designed to keep inertial navigation systems on ROVs initialised, with up to 30 minutes output hold up time possible in the event of temporary electrical power outages.

The SeaUPS offers flexibility in input supply, working with both AC and DC inputs which are fully isolated from the UPS DC output.

The UPS is fitted with an internal NiMH battery. Charge management is automatic and the 3000m rated subsea housing is fitted with an automatic pressure vent for safety.



### KEY FEATURES

- AC or DC power input
- 24VDC regulated output
- Up to 30 minutes hold-up time. Repeatable up to 5 times on fully charged batteries and 1 AMP load before requiring a recharge
- Load start up mode for high surge current loads
- 3000m depth rated
- Intelligent battery management

# SEA UPS SUBSEA UNINTERRUPTIBLE POWER SUPPLY

## Input:

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Input Supply Voltage AC 85-264 VAC 50/60Hz  
Input Supply Voltage DC 20-60 VDC  
Input Supply Power  
Output load + 27W approx  
(>65W Supply Recommended)

## Output:

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Output Voltage 24.5V +/-5% Typical  
Output Supply Current 2A Internal  
Current Limit (4A Peak)

## Depth Rating:

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3000m operational

## Operating Temperature:

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0°C to 40°C  
Recommended /  
-5°C to 45°C Maximum

## Storage Temperature:

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0°C to 30°C Recommended

## Housing Material:

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Hard Anodised Aluminium

## Connectors:

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Input Connector Subconn MCBH6M /  
MCIL6F & MCDLSF mating half  
Output Connector Subconn MCBH8F /  
MCIL8M MCDLSF mating half

## Weight/Dimensions:

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Weight 8.4kg in air / 5.8kg in water  
Dimensions 360mm L x 125mm Dia.  
(436mm inc mountings)

## Communications:

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RS232 Factory Test Only

## User Interface:

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MCAT8M Charge Plug  
with LED charge indication