

STR SEAUPS

SUBSEA UNINTERRUPTIBLE POWER SUPPLY

The STR 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 STR 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, relief and stainless steel or anodised aluminium housing options.



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

STR SEA UPS

SUBSEA UNINTERRUPTIBLE POWER SUPPLY

INPUT:

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:

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

DEPTH RATING:

3000m operational

OPERATING TEMPERATURE:

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

STORAGE TEMPERATURE:

0°C to 30°C Recommended

HOUSING MATERIAL:

Hard Anodised Aluminium

CONNECTORS:

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

WEIGHT/DIMENSIONS:

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

COMMUNICATIONS:

RS232 Factory Test Only

USER INTERFACE:

MCAT8M Charge Plug
with LED charge indication