

# 7S7P 119Ah Battery Pack

UNDERWATER POWER SOURCE

The EvoLogics 7S7P non-rechargeable underwater battery pack is a high-capacity depth-rated power solution for long-term subsea deployments. The battery is optimized for the pulsing load of underwater acoustic modems.

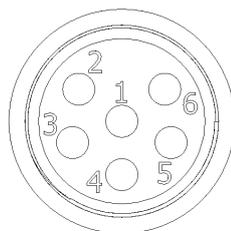
Lithium-thionyl chloride (Li-SOCl<sub>2</sub>) cells with high energy density ensure high performance and long operating life. Robust corrosion-free housing is reusable and allows to replace the battery pack once the cells are discharged.

The **applications** include:

- Subsea observatories
- Autonomous underwater equipment
- Underwater sensor networks



GENERAL	HOUSING MATERIAL	Delrin or Titanium
	DEPTH RATING	200 m (Delrin), 6000 m (Titanium)
	CONNECTOR TYPE	Subconn 6-pin connector FCR1506F
BATTERY	CELL TYPE	Safe LS 33600 primary (non-rechargeable) battery
	CELL CHEMISTRY	Lithium-thionyl chloride (Li-SOCl <sub>2</sub> )
	BATTERY CONSTRUCTION	7S7P
	BATTERY CAPACITY	119 Ah / 2998 Wh
VOLTAGE	NOMINAL VOLTAGE	25.2 V
	MAXIMUM VOLTAGE	25.7 V
	END-OF-DISCHARGE VOLTAGE (EODL)	18 V
DIMENSIONS	without handles	L 53 x Ø 15 cm
WEIGHT	dry/wet	Delrin: 11.0 / 1.7 kg; Titanium: 19.75 / 10.7 kg
OPERATING TEMPERATURE RANGE		-30°C to +55°C
STORAGE TEMPERATURE RANGE		-40°C to +55°C



FCR1506F

PIN	DESCRIPTION
1	BAT+
2	BAT+
3	NC
4	BAT-
5	BAT-
6	NC

Please refer to Ultralife UHR-XR34610 documentation for more information on the battery cells.

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