

7S7P Li-ion Battery Pack

UNDERWATER POWER SOURCE



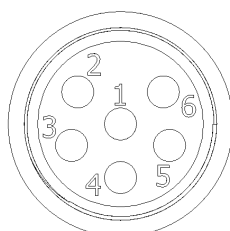
The EvoLogics 7S7P Li-ion rechargeable underwater battery pack is an efficient power source for mid- and long-term subsea deployments of S2C devices. The battery is optimized for the pulsing load of underwater acoustic modems.

High energy density li-ion cells ensure high-performance and long operating life. A selection of housing options is available for different operating depths.

The **applications** include:

- Subsea observatories
- Autonomous underwater equipment
- Underwater sensor networks

GENERAL	HOUSING MATERIAL	Delrin, Stainless Steel, Titanium
	DEPTH RATING	200 m (Delrin), 2000 m (Stainless Steel), 6000 m (Titanium)
	CONNECTOR TYPE	Subconn 6-pin connector FCR1506F
BATTERY	CELL TYPE	Li-ion secondary (rechargeable) cell
	CELL CHEMISTRY	Li-ion
	BATTERY CONFIGURATION	7S7P
	BATTERY CAPACITY	24.5 Ah / 617.4 Wh
VOLTAGE	NOMINAL VOLTAGE	25.2 V
	MAXIMUM VOLTAGE	29.4 V
	END-OF-DISCHARGE VOLTAGE (EODL)	21 V
	DIMENSIONS* Titanium housing	L 348 x Ø 113 mm
	WEIGHT* Titanium, dry/wet	9500 / 5900 g
	OPERATING TEMPERATURE RANGE	-10°C to +45°C
	STORAGE TEMPERATURE RANGE	-15°C to +40°C



FCR1506F
face view

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



* Dimensions and weight of Delrin housing configuration. Other builds are heavier, dimensions vary.