

18S NiMH Battery Pack

UNDERWATER POWER SOURCE

The EvoLogics 18S NiMH 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.

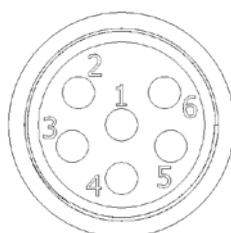
NiMH cells ensure high-performance and long operating life. These batteries may be shipped by air transport as they are considered not restricted once the shipper complies with IATA provisions. A selection of housing options is available for different operating depths.

The **applications** include:

- Subsea observatories
- Autonomous underwater equipment
- Underwater sensor networks



GENERAL	HOUSING MATERIAL	Delrin, AlMg, Stainless Steel, Titanium
	DEPTH RATING	200 m (Delrin), 2000 m (AlMg, Stainless Steel), 6000 m (Titanium)
	CONNECTOR TYPE	Subconn 6-pin connector FCR1506F
BATTERY	CELL TYPE	NiMH Sub C secondary (rechargeable) cell
	CELL CHEMISTRY	NiMH
	BATTERY CONFIGURATION	18S
	BATTERY CAPACITY	5 Ah / 108 Wh
VOLTAGE	NOMINAL VOLTAGE	21.6 V
	MAXIMUM VOLTAGE	24 V
	END-OF-DISCHARGE VOLTAGE (EODL)	18 V
DIMENSIONS*	Titanium housing	L 196 x Ø 113 mm
WEIGHT*	Titanium, dry/wet	6300 / 4400 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 Titanium housing configuration. Other builds are lighter, dimensions vary.