

20S NiMH Battery Pack

UNDERWATER POWER SOURCE



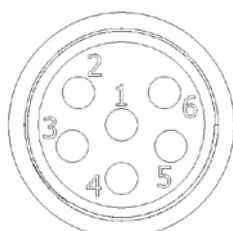
The EvoLogics 20S NiMH rechargeable underwater battery pack is an efficient power source for mid- and long-term subsea deployments of S2C devices. The battery is optimized for the pulsing load of underwater acoustic modems.

NiMH cells ensure high-performance and long operating life. 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 D secondary (rechargeable) LSD (low self-discharge) cell
	CELL CHEMISTRY	NiMH
	BATTERY CONFIGURATION	20S
	BATTERY CAPACITY	10 Ah / 240 Wh
VOLTAGE	NOMINAL VOLTAGE	24 V
	MAXIMUM VOLTAGE	26 V
	END-OF-DISCHARGE VOLTAGE (EODL)	20 V
DIMENSIONS*	Delrin housing	L 348 x Ø 110 cm
WEIGHT*	Delrin, dry/wet	6000 / 2700 g
OPERATING TEMPERATURE RANGE		-10°C to +45°C
STORAGE TEMPERATURE RANGE		-15°C to +40°C



FCR1506F

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.