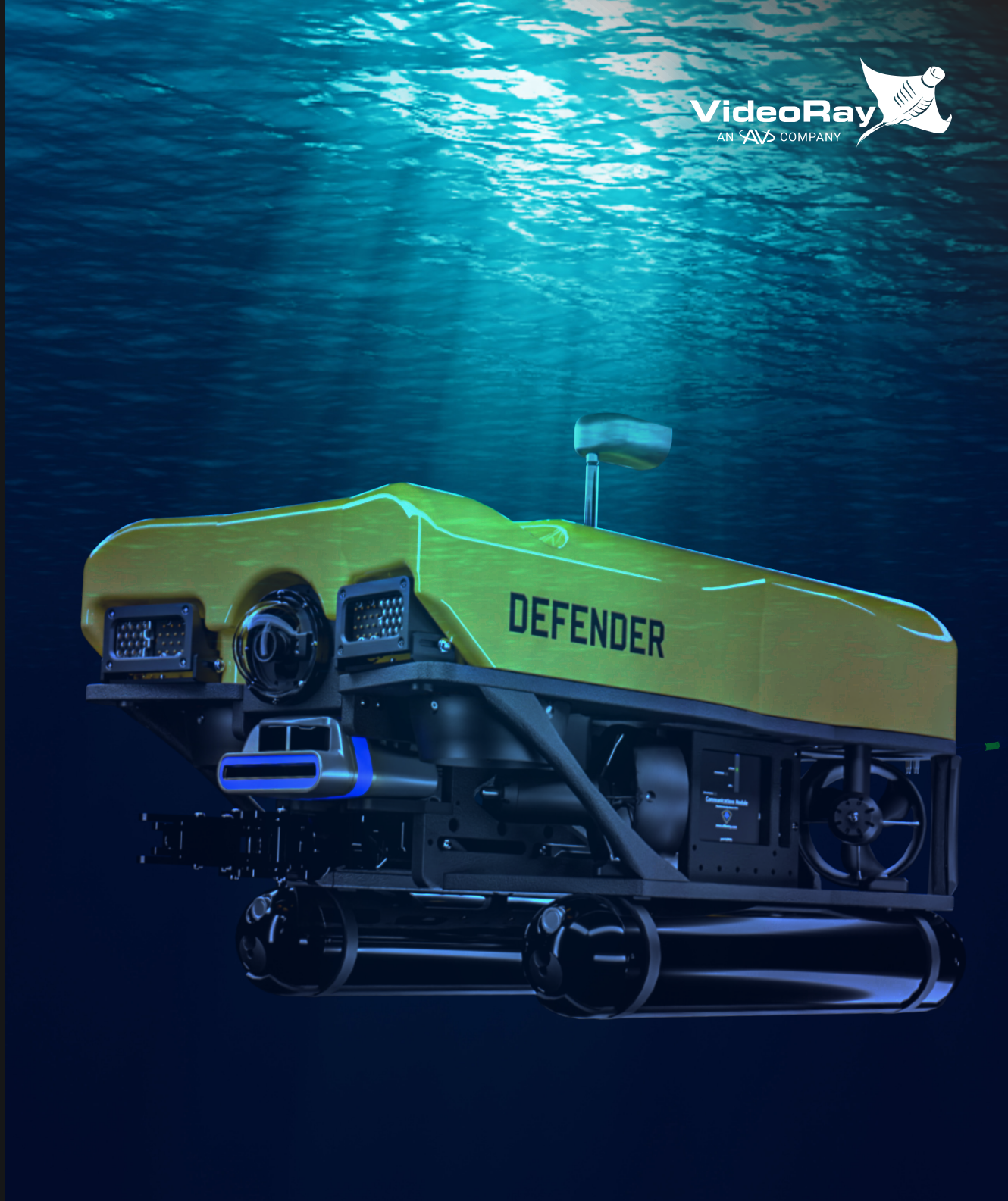
MISSION SPECIALIST Subsea Batteries



Mission Specialist Subsea Batteries deliver power to Mission Specialist Wraith and Defender ROVs without the need for a topside power source. Available in Lithium-Ion, the Mission Specialist Subsea Vehicle Battery kit is the perfect accessory for missions where topside power is not available or for mission depths that exceed tether power and data transmission abilities.

When combined with the lightweight Expeditionary Splashproof Controller and Expeditionary Tether Reel, the system occupies a much smaller operational footprint. This compact configuration allows for more effective deployments from small craft and other areas where operational space is limited.

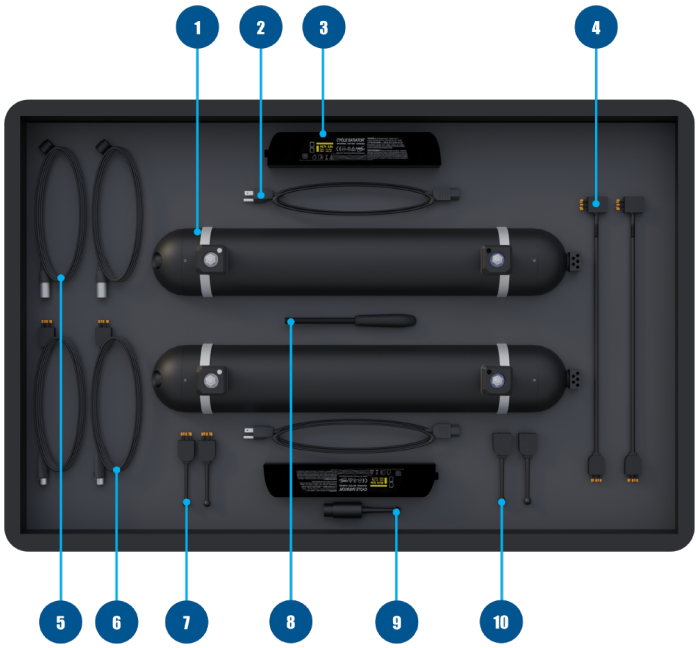
Reliable Power - Anywhere

_Specifications

[LI-ION]	
CHEMISTRY	Lithium-ion
OUTPUT VOLTAGE	Nominal Regulated: 48VDC
MAX CURRENT	21 A sustained per battery
NOMINAL CAPACITY	404 Whr per battery
DEPTH RATING	300 m or 1000 m (984 ft or 3,280 ft)
DIMENSIONS	561 mm (22.08 in) L x 89 mm (3.50 in) OD
WEIGHT DRY	300 m: 4.0 kg (8.8 lb), 1,000 m: 4.8 kg (10.6 lb)
WEIGHT IN WATER	300 m: 0.6 kg (1.3 lb), 1,000 m: 1.2 kg (2.7 lb)
CYCLE LIFE	500 cycles (to 80% capacity)



[SUBSEA BATTERY KIT CONTENTS]



1. Subsea Battery, Li-ion 300m or 1km (2)
2. Charger A/C Power Cord (2)
3. Battery Charger (2)
4. 5-Pin F/M to 5-Pin Male Power Cable (2)
5. Charger Port to XLR Charging Cable (2)
6. XLR to 5-Pin Male Charging Cable (2)
7. 5-Pin Male Dummy Plug (2)
8. Power Wand
9. 8-Pin Tether Dummy Plug w/ Cap
10. 5-Pin Female Dummy Plug (2)

_Key Features

> Safety Pressure Relief Valve @8-12 psi
> Safety Secondary Pressure Relief Shear Pins @20-50 psi (varies with temp/depth)
> Internal end cap connecting safety leash
> Toolless mounting
> Smart diagnostics and monitoring
> Watertight rolling transit/storage case
> External smart charger included

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