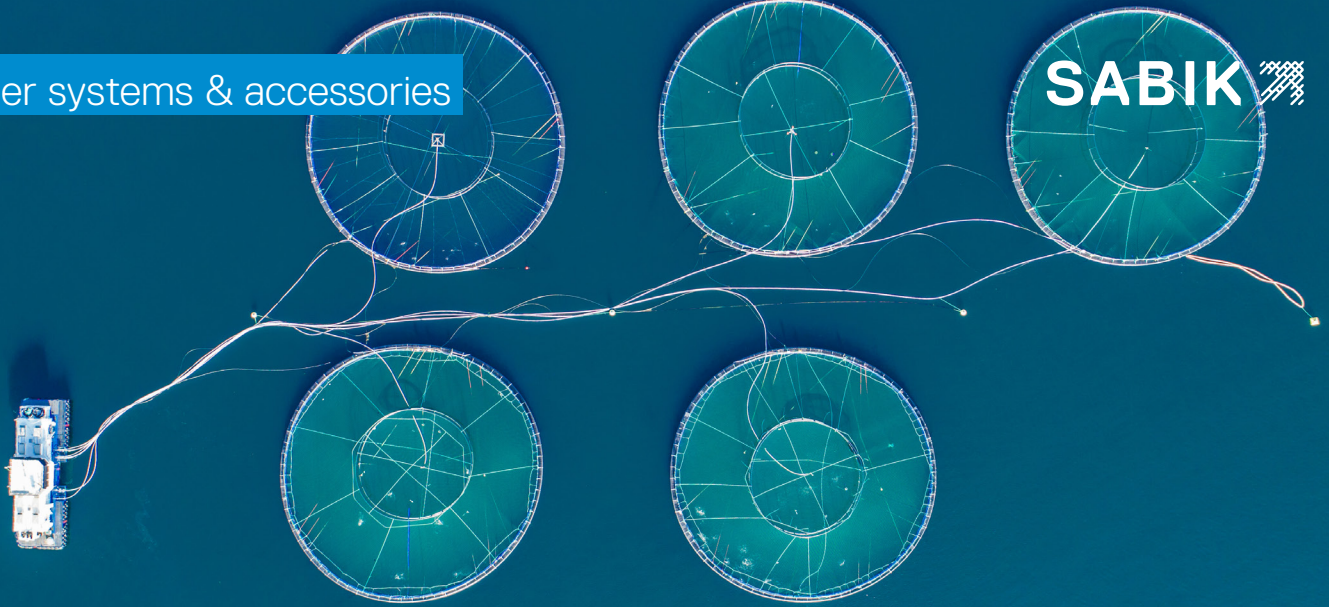




LFP16-135

Rechargeable LFP battery

Sabik's LFP16-135 rechargeable LiFePO₄ battery is a reliable and sustainable energy solution for aquaculture and marine navigation lighting applications. Designed for long service life and exceptional operational safety, the battery can be recharged rather than replaced, significantly reducing maintenance requirements and life-cycle costs, and helping to minimise environmental impacts.

Notable Features:

- 16 V, 135 Ah LiFePO₄ battery optimized for aquaculture and marine light systems
- More than 1 year of reliable operation in standard fish marker light applications
- Rechargeable design enabling extended service life and reduced waste
- Long cycle life with stable performance across repeated charge and discharge cycles
- Waterproof, corrosion-resistant enclosure built for harsh marine environments
- Robust mechanical design ensuring durability in offshore installations
- Integrated PTFE vent valve enhances operational safety
- Low self-discharge rate for long storage life and consistent readiness
- Practical lifting handle enables safe and efficient handling and installation



LFP16-135

Main Technical Specifications

Type	LFP16-135-QD	LFP16-135-BD
Housing	Polyethylene pipe	
Lifting handle	Nylon	
Current protection	2A resettable fuse (automatic) Integrated Battery Management System	
Cabling	Two 1.5 mm ² wires in PVC insulation, 1.5 m cable	
Operating temperature range	-30°C to +50°C	
Charging temperature range	0°C to +55°C	
Discharging temperature range	-20°C to +60°C	
Storage temperature	0°C to +20°C	
Environment	Marine and offshore applications	
Cell type	LiFePO ₄	
Voltage	16 V	
Capacity	135 Ah	
Weight	14 kg	
Width x Height	140 x 820 mm	
Connectors	Quick-disconnect Terminals	RD24 Binder Connector



Image 1: Rugged Polyethylene Housing