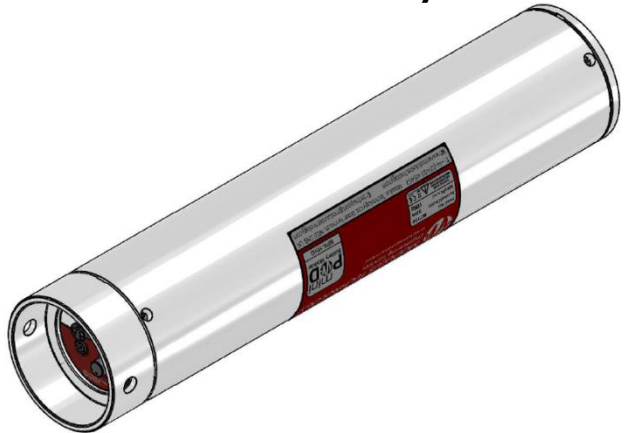


**Quick Start Guide  
BPK-101G Battery Pack**



**Introduction**  
The BPK-101G is a ruggedized battery pack designed to survive 50m immersion. The BPK provides a robust 18V DC power bank of primary cells to supply the BCN-101G Mini-pod. Applications include providing power to pods mounted on streamer head and tail buoys for seismic operations.

**Packing List**  
BPK-101G Battery Pack  
Fitted with 24 x Alkaline D Cells  
BPK-101G 4000 3m Interconnect Cable  
BPK-101G-8000 Quick Start Guide

**Specification**  
**Physical:**  
Length: 600.0mm  
Diameter: 125.0mm  
Weight: 9.0Kgs in air  
**Environmental:**  
Survival Depth Rating: 50m  
Temperature: 85°C Alkaline D Cell Limit  
**Electrical:**  
Power: 18VD.  
12 x D Cell Bank A  
12 x D Cell Bank B  
Fused at 2.0A.  
Life: 10 Days\*

**i** \*Subject to battery fitted and fully populated.

**Operation**  
The unit has an ON / OFF switch, for ease of storage and transportation.

Make electrical connections before switching on battery pack.

**i** Ensure PRV is closed before deployment.

Connections to the unit must be lubricated with silicone gel, otherwise corrosion of the connector will occur.



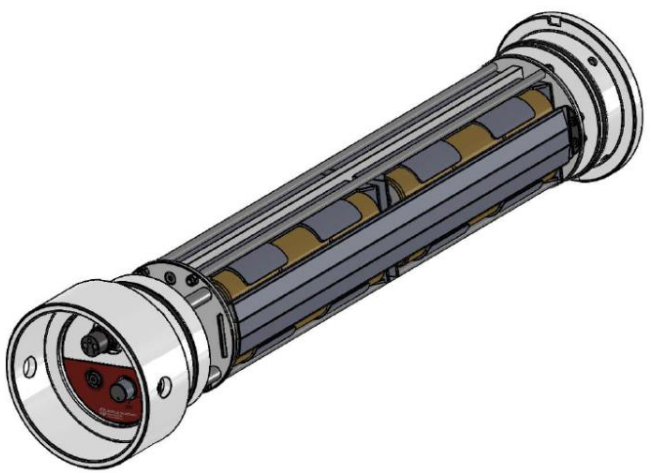
**Connections**  
The BPK-101G is fitted with a 2-way bulkhead MC-BH-2F and will deliver as configured below.

	MC-BH-2F
1	18V DC
2	GND

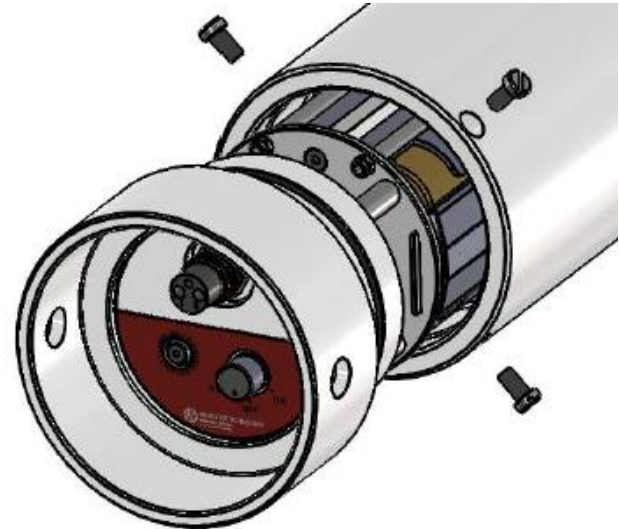
**i** It is recommended to use industrial quality alkaline D Cells for optimum life.

**Battery Servicing / Assembly**

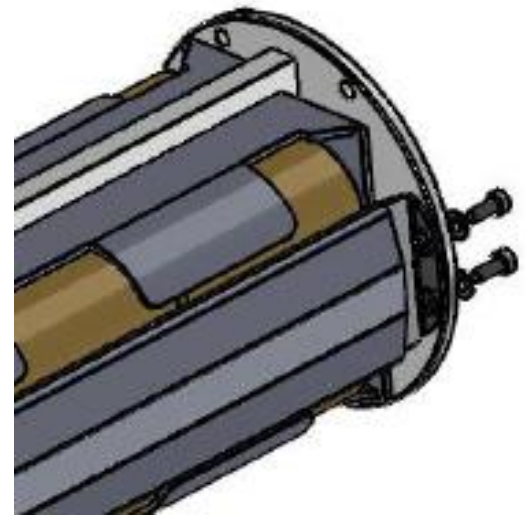
Internal General Arrangement



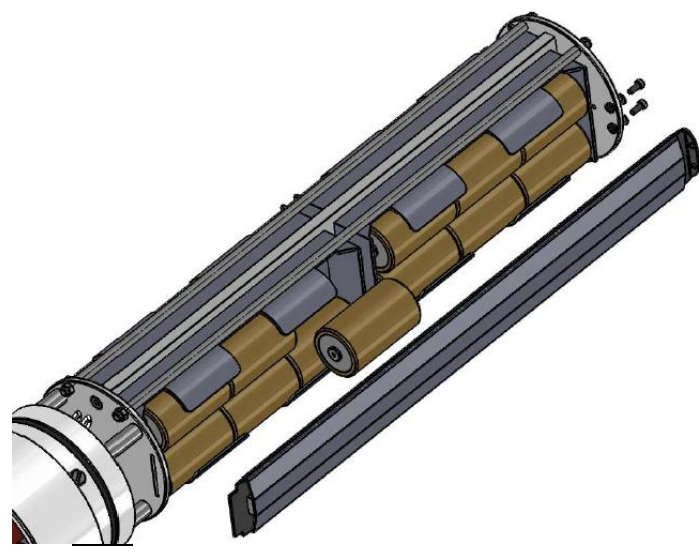
- (1) Remove 4 x Nylon machine screws securing the connector end-cap.
- (2) Remove endcap assembly



- (3) Remove battery retaining bars.



- (4) Batteries can then be exchanged.



- (5) Upon re-assembly ensure outside alignment marks align and O-ring seals are clean / lubricated.

**Quick Start Guide  
Mini-Pod Battery Pack  
BPK-101G-8000/1**

Module Technology Engineering Services Ltd  
Phone: +44 (0)1493 416458  
Fax: +44 (0)1493 440720  
Email: [general@modulustechnology.com](mailto:general@modulustechnology.com)  
Web: [www.modulustechnology.com](http://www.modulustechnology.com)

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