



Lincad launches new Battery Power Management System for the most demanding military environments

Press Release – 23rd July 2018

Lincad, the UK designer and manufacturer of bespoke batteries, chargers and power management systems for military applications, is delighted to launch its new battery power management system, the BPMS Mk2.

A 120Ah lithium-ion battery with the charge management and power routing electronics needed for self-contained UPS functionality, the BPMS Mk2 is designed to support a 24V DC power supply or act as a stand-alone 24V DC power source in the most demanding military environments. At approximately 25kg, it is a soldier-portable unit which is also suitable for mounting to mobile or static platforms. Its fully metallic IP67 sealed enclosure offers excellent electromagnetic screening as well as physical protection to the internal components making the BPMS suited for use even on extreme equipment such as field artillery.

Whether acting as a UPS or as a stand-alone battery, internal battery recharge is carried out automatically from most 24V power supplies. All voltage and current regulation circuitry is housed within the BPMS and recharge is automatic on connection of a suitable power source. Interconnects are via standard D38999 military circular connectors with a single connection for the host equipment and a single connection for battery recharge and routed power from the power supply.

Battery state of charge can be determined via a press to test membrane with a 5 LED capacity status display. Additional features include the ability to update operating software using a PC, laptop or mobile app, as well as the ability to store periodic operational data for use in maintenance activities.

The BPMS Mk2 has been designed as a form, fit and function replacement for Lincad's original BPMS which has been in service with the UK MoD and international armed forces for more than 12 years and has been used to power Leonardo's LINAPS (Laser Inertial Artillery Pointing System).

Peter Slade, Lincad's Joint Managing Director, commented: *"The BPMS Mk2 offers significant enhancements over its predecessor in terms of ease of maintenance and upgrade, and the quality of diagnostic information that can be captured and analysed. Its range of new features will ensure that the product can be used effectively in an ever-changing operational theatre."*

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Notes to Editors

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About Lincad

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- Lincad is a privately-owned UK company with over 30 years' experience in the design, manufacture and supply of bespoke batteries, chargers and power management systems.
- The company's main customers are the UK Ministry of Defence (MOD) and UK Defence Primes.
- Lincad is a TickIT*plus* accredited company with expertise in battery chemistry and systems engineering and is based in Ash Vale in the South East of England where the design and manufacture of all its products takes place.