

Lincad's BLOCS label printer makes global transportation of batteries easier than ever before

Press Release

Lincad has developed an innovative battery logistics and operational compliance system (BLOCS) that allows label printing of battery state of charge. It connects directly to compatible Lincad battery conditioners and chargers and enables batteries to be transported safely around the world with ease, in line with IATA regulations.

The BLOCS label printer automatically prints a status label for each battery being charged or discharged, showing accurate state of charge data and other battery information. The system allows up to 16 conditioning devices to be connected at the same time for rapid processing and a streamlined logistics process. Using Lincad's six channel Armada conditioner, up to 192 batteries can be processed simultaneously.

IATA regulations require that lithium-ion batteries have a state of charge of 30 per cent or less when transported by air. The BLOCS label printer system ensures that batteries being transported comply with these stringent regulations. The system is available as a factory add-on option and works as an automated, stand-alone process that does not require any external inputs once set up.

The system allows different conditioner and charger types to be used simultaneously. This provides maximum flexibility to suit the logistical demands of defence sector end users. The printed status labels provide accuracy and full traceability back to each conditioned battery.

Peter Copplestone, Operations Director at Lincad says: *"Our versatile and highly efficient label printing system has been specifically designed to meet battery charging and management demands of our own lithium-ion LIPS battery suite, as well as batteries of other electro chemistries. This means that our customers can not only rely on Lincad for rapid, accurate, up-to-date state of charge status labelling for Lincad products, but also for batteries from other original equipment manufacturers. Such versatility is especially critical for defence equipment that needs transporting to front lines and other demanding military environments."*

As well as the defence and military sectors, Lincad's range of battery conditioners and chargers in conjunction with the BLOCS label printer can also be used for the safe transport of industrial and commercial lithium-ion batteries.

-ENDS-

Notes to Editors

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About Lincad

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- Lincad is a privately-owned UK company with 35 years' experience in the design, manufacture and supply of bespoke batteries and charging systems.
- Lincad's main customers are the UK MOD and defence prime contractors. Lincad also supplies directly into other armed forces around the world and indirectly through defence primes.
- The majority of Lincad's battery products contain high energy density lithium-ion technology, but it employs the most suitable electrochemistry for each requirement.
- Lincad is an ISO 9001 and TickIT*plus* accredited company with expertise in battery chemistry, systems, hardware and software engineering.
- Lincad's research and development department constantly tests new and emerging cell chemistries and technologies.
- Lincad continues to take product performance to new limits, producing lighter, more energetic and powerful batteries with faster, more flexible charging solutions.