



S Jones Conversions expands its range of battery storage solutions

In response to changing customer demand, shipping container conversion specialist, S Jones Conversions has developed a new entry-level battery storage solution - the Green Battery Store - as part of its extensive battery storage range.

The Green Battery Store has been specifically designed for lower-risk applications to house batteries categorised as 'green' or low risk by the Dangerous Substances and Explosive Atmospheres Regulations (DSEAR) assessment. The unit provides essential environmental protection and basic electrical safety for storing smaller quantities of batteries in lower-risk scenarios.

Available in a range of sizes from 8'6" to 40ft, the Green Battery Store has been designed with safety in mind. Key features include aluminium louvre vents, fire-resistant board linings, HVAC system

and anti-vandal multi-locking personnel door. It is ideally suited for use where risk assessments identify minimal fire/explosion hazard or facilities with robust existing safety infrastructure.

The Green Battery Store is the latest development to S Jones Conversions' tiered range with units categorised depending on the level of safety features required. Alongside the new Green Battery Store, S Jones Containers also offers Bronze for moderate-risk applications, Silver for higher-risk applications and Gold for the most demanding scenarios including destructive battery testing. This approach provides flexible options which match bespoke units to the specific risk profile, regulatory requirements, and operational needs. Specifying the most appropriate solution is complex and depends on the DSEAR assessment plus considerations such as property insurer requirements, local fire authority guidance, battery

chemistry and volume, proximity to other infrastructure, and risk tolerance of third parties.

Andrew Nicholls, Head of Conversions at S Jones Containers commented: “Over the last few years we’ve established our reputation as a ‘go to’ partner for containerised battery storage and testing units. Our new tiered approach to the range is an important development - making it even easier for our customers to choose the solution that best meets their specific project needs including budget requirements. The new Green Battery Store provides an affordable solution that still puts safety first for peace of mind.”

S Jones Containers’ Bronze Battery Store combines fire-retardant passive protection with active environmental controls as well as explosion venting and thermal management to contain and mitigate hazards during normal operation and minor thermal events. Silver builds

on Bronze with 60-minute fire-rated compartmentalisation, automated fire detection, and integrated sprinkler capability.

The top tier Gold Battery Store features independent gas detection, temperature monitoring, and automated mechanical ventilation response as well as fire and explosion risk reduction features, hermetically sealed access doors, and gas detection systems. Designed for the most high-risk applications including ultra-high-density storage and lithium-ion battery cell destructive testing the units are specifically designed to reduce the risk of exposure to toxic gases which may be released during the testing process.

For more information about specialist storage and testing solutions at S Jones Conversions, please visit: <https://www.sjonescontainers.co.uk/container-conversions/>