

OSM/EE DECISION SHEET

Category	Standard:	Clause	Document no.
ITAV	EN 62368-1:2014 + A11:2017 EN IEC 62368-1:2020 + A11:2020 EN IEC 62368-1:2024 + A11:2024	Annex M	OSM-EE 23/5 rev 1
Subject		Key words	Meeting
Lead acid batteries		Lead acid batteries	Copenhagen 2023 Helsinki 2024
Question			
<p>A manufacturer has a DC stand-by system incorporating Lead Acid Enersys Cyclon cells, which have been manufactured into a pack of 10 cells.</p> <p>Neither the batteries nor the pack have any formal approval.</p> <p>Clause M1 states that the batteries must comply with Annex M but equivalent tests that are part of the battery safety standard need not be repeated.</p> <p>However, M.2.1 states that batteries and their cells SHALL comply with relevant standards contained in a list, some of which are relevant to lead acid batteries.</p> <p>Question:</p> <p>Can the Standby system be approved to 62368-1 if the Lead Acid battery pack has been tested to Annex M without having the batteries fully tested to a relevant standard from the list in M.2.1?</p>			
Decision			
<p>Proposals for a decision:</p> <ol style="list-style-type: none"> 1) Yes, compliance with Annex M is sufficient 2) No. compliance with both Annex M and any relevant standard listed in M.2.1 is needed 3) Annex M in conjunction with the 3rd dash paragraph of clause 4.1.2 (testing of the battery according to the relevant battery standard under the conditions occurring in the equipment) <p>OSM-EE is of the opinion that option 3 is correct</p>			
Explanatory notes			
<p>In Helsinki 2024, OSM-EE decision 23/5 was modified with following changes:</p> <p>- add 4th edition of EN IEC 62368-1</p>			