

CE marking of Lead acid batteries

The CE mark is a manufacturer's statement towards government that during design and production all relevant safety related directives of the European Union ("EU safety directives") were considered.

CE mark is not a statement towards the customer and must not be used for marketing or promotion.



Safety relevant EU directives, which have to be considered for products and which are sometimes considered falsely as to be applicable for lead acid battery cells or blocks are for example:

1. Machine Directive
2. Low Voltage Directive (LVD)
3. Electromagnetic Compatibility EMC
4. Medical device directive

add 1.: The machine directive is not applicable for batteries.

add 2.: Low voltage directive (LVD) is applicable only for batteries of 75V DC and more. Therefore big (≥ 75 V DC) stationary or motive power batteries have to be CE marked.

add 3.: EMC is not applicable, because lead acid batteries are not sensitive against electromagnetic radiation nor they produce such electromagnetic radiation.

add 4.: Medical device directive is applicable for medical devices and accessories for medical products, but not for components used in medical devices. A battery in a medical device is a component like an electrical resistor or any other electronic or electric component and must therefore not CE marked.

Conclusion: Lead acid battery cells (2 V) or blocks (4V, 6V, 8V, 10V, 12V) are not governed by any of the above mentioned European Union's Safety Directives. Therefore there is no need to mark them with a CE sign and it is also not allowed to do it.

CE is applicable for lead acid battery systems if the voltage is 75V or more. That means battery installations with 75V or more must be CE marked by the technician who is doing the installation.

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A handwritten signature in black ink, appearing to read 'M. Sinz', is written over the typed name.

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