

HP's Compliance with the Batteries Directive



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Directive 2006/66/EC on batteries and accumulators and waste batteries and accumulators (as amended by Directive 2013/56/EU) (hereinafter called “the Directive”) contains several requirements specific to batteries. HP’s compliance approach for the Directive's requirements is provided below.

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Marking

All our batteries are marked with a “crossed out wheeled bin” symbol, in compliance with Article 21(1) of the Directive and as specified in Annex II of the Directive, except where the small size of the battery necessitates marking the packaging with the symbol instead (in compliance with Article 21(5)).

In compliance with Article 21(4) of the Directive, our batteries are marked with the relevant chemical symbol where their heavy metal content is greater than the following: Hg >5ppm; Cd >2ppm; or Pb >4ppm.

Our batteries comply with the Directive's capacity labeling requirements and the detailed rules implementing these requirements (both regarding the determination of capacity and labelling) laid down in Commission Regulation 1103/2010.

Substance Restrictions

The Directive prohibits the placing on the market of batteries and accumulators containing more than:

- 5ppm of mercury; and
- 20ppm of cadmium in portable batteries and accumulators, including those incorporate into appliances, except in the case of those intended for the following uses:
 - Emergency and alarm systems, including emergency equipment;
 - Medical equipment; and
 - Until 31 December 2016, cordless power tools.

The Directive contains no restriction for lead content, i.e. no limitation related to lead regarding starter-, industry- or equipment batteries.

Our batteries comply with the Directive's abovementioned substance restriction requirements.

Removability

With regard to battery removability, the Directive requires that Member States ensure that:

- Appliances be designed in such a way that waste batteries and accumulators can be readily removed;
- Where batteries and accumulators cannot be readily removed by the end-user, they must be readily removable by qualified professionals that are independent of the manufacturer;
- Appliances in which batteries and accumulators are incorporated must be accompanied by instructions on how those batteries and accumulators can be safely removed by either the end-user or by independent qualified professionals; and
- Where appropriate, the instructions must also inform the end-user of the types of battery or accumulator incorporated into the appliance.

The Directive stipulates that the removability requirements set out above paragraph do not apply where, for safety, performance, medical or data integrity reasons, continuity of power supply is necessary and a permanent connection between the appliance and the battery or accumulator is required.

Our batteries comply with the abovementioned removability provision. Note however, that certain batteries incorporated into HP products have a data integrity function and therefore fall within the scope of the exemption from the requirement that batteries be readily removable.

More Information

More information about our environmental compliance and policies can be found via <http://www8.hp.com/us/en/hp-information/environment/design-for-environment.html>

HP customers can access HP's recycling service by visiting www.hp.com/recycle

Learn more at
hp.com/sustainability