

MATERIAL DECLARATION

Type 1: SELF DECLARATION

<Date of declaration>

Date: 04/06/2018

<MD ID Number>

MD-ID-No.

<Other information (e.g. shipbuilder, hull NO if applicable.>

Remark 1
Remark 2
Remark 3

<Supplier (Respondent) Information>

Company name	Victron Energy B.V.
Division name	n.a.
Address	De Paal 35, 1351 JG Almere-Haven, The Netherlands
Contact person	Reinout Vader
Telephone no	+31 36 535 97 00
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E-mail address	sales@victronenergy.com
SDoC ID no	

Is product already Type approved by DNV?

Yes No

<Product Information>

Product Name	Product Number	Product Total Mass		Product Information
		Mass	Unit	
AGM Battery	BAT412101104	33	kg	12V/110Ah GEL Deep Cycle Battery

Unit:

This material information shows the amount of hazardous materials contained in

33 kg

<Material Information>

Table	Material Name	Threshold level	Present above threshold level Yes or No	IF YES Material Mass		IF YES Information on where it is used
				Mass	Unit	
Table A Materials listed in appendix 1 of the Convention	Asbestos	Asbestos	No threshold level	No		
	PCB's	Polychlorinated Biphenyls (PCBs)	No threshold level	No		
	Ozone depleting substances	Chlorofluorocarbons (CFC's)	No threshold level	No		
		Halons		No		
		Other fully Halogenated CFC's		No		
		Carbon Tetrachloride		No		
		1,1,1-Trichloroethane		No		
		Hydrochlorofluorocarbons		No		
		Hydrobromofluorocarbons		No		
		Methyl Bromide		No		
Bromochloromethane	No					
Anti-fouling systems containing organotin compounds as a biocide		2,500 mg total tin/kg				

Table	Material Name	Threshold level	Present above threshold level Yes or No	IF YES Material Mass		IF YES Information on where it is used
				Mass	Unit	
Table B Materials listed in appendix 2 of the Convention	Cadmium & Cadmium Compounds	100 mg/kg	No			
	Hexavalent Chromium and Hexavalent Chromium Compounds	1,000 mg/kg	No			
	Lead and Lead Compounds	1,000 mg/kg	Yes	21,45	kg	Battery active mass
	Mercury and Mercury Compounds	1,000 mg/kg	No			
	Polybrominated Biphenyl (PBB's)	1,000 mg/kg	No			
	Polybrominated Diphenyl Ethers (PBDE's)	1,000 mg/kg	No			
	Polychloronapthalenes (Cl>=3)	No thr.level	No			
	Radioactive substances	No thr.level	No			
Certain Shortchain Chlorinated Paraffins	1%	No				

The object of declaration described above is in conformity with the Guidelines for the development of Inventory of Hazardous Materials Resolution MEPC.197(62) Adopted on 15 July 2011

Signed for on behalf of:

Victron Energy B.V.

Date of issue:

04/06/2018

Place of issue:

Almere-Haven

Full name

Reinout Vader

Position

VP

Signature and Company Stamp

Victron Energy B.V
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