

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
Fax no	+31 36 535 97 40
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	
Gel Battery	BAT412151104	47	kg	12V/165Ah Gel Deep Cycle Battery

Unit:

This material information shows the amount of hazardous materials contained in

47 kg

<Material Information>

Table	Material Name		Threshold level	Present above threshold level Yes or No	IF YES		IF YES Information on where it is used
					Material Mass		
					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		IF YES Information on where it is used
					Material Mass		
					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	30,55	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
De Paal 35, 1351 JG Almere-Haven
P.O. Box 50016, 1305 AA Almere-Haven
The Netherlands
Tel. +31 (0)36 535 97 00
Fax +31 (0)36 535 97 40
E-mail sales@victronenergy.com
www.victronenergy.com