

**THE NETHERLANDS  
(N E D E R L A N D)**

**COMMUNICATION**

Concerning <sup>(1)</sup>:

- approval granted
- ~~approval extended~~
- ~~approval refused~~
- ~~approval withdrawn~~
- ~~production definitely discontinued~~

of a type of ~~electrical~~/electronic sub-assembly <sup>(1)</sup> with regard to Regulation number 10.

**Approval number: E4\*10R05/01\*4002\*00**

1. Make (trade name of manufacturer) : Victron Energy
2. Type and general commercial description(s) : LiFePO4 battery 12,8V/60Ah - Smart  
LiFePO4 battery 12,8V/90Ah - Smart  
LiFePO4 battery 12,8V/100Ah - Smart  
LiFePO4 battery 12,8V/150Ah - Smart  
LiFePO4 battery 12,8V/160Ah - Smart  
LiFePO4 Battery 12,8V/200Ah - Smart  
LiFePO4 battery 12,8V/300Ah - Smart
3. Means of identification of type, if marked on the ~~vehicle~~/component/  
~~separate technical unit~~ <sup>(1)</sup> : Screenprinted
- 3.1. Location of that marking : On side wall
4. Category of vehicle : All
5. Name and address of manufacturer : Victron Energy B.V.  
De Paal 35  
1351 JG Almere  
Netherlands
6. In the case of components and separate technical units, location and method of affixing of the approval mark : Screenprinted on side wall



7. Address(es) of assembly plant(s)
8. Additional information (where applicable) : see Appendix below
9. Technical service responsible for carrying out the tests : DARE!! Measurements
10. Date of test report : 2017 December, 20
11. Number of test report : 17C01073RPT01
12. Remarks (if any) : see Appendix
13. Place : Zoetermeer
14. Date : 30-JAN-2018
15. Signature :   
  
L. Vellekoop
16. The index to the information package lodged with the approval authority, which may be obtained on request, is attached.
17. Reasons for extension : --

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<sup>(1)</sup> Strike out what does not apply.

## APPENDIX

to type-approval communication form number: E4\*10R05/01\*4002\*00

concerning the type-approval of an ~~electrical~~/electronic sub-assembly<sup>(1)</sup> under Regulation number 10.

- |        |                                                                                                                    |                                                                                                                                                                                                                                                           |
|--------|--------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1.     | Additional information                                                                                             | : The smart battery range LiFePO4 12,8V design and PCB of all variants are electrically identical, except for the connection of the cells, however it is very unlikely that this will affect the behavior of the EUT.<br>The EUT is not immunity related. |
| 1.1.   | Electrical system rated voltage                                                                                    | : 12 Vdc <del>pos./neg.</del> ground <sup>(1)</sup>                                                                                                                                                                                                       |
| 1.2.   | This ESA can be used on any vehicle type with the following restrictions                                           | : NA                                                                                                                                                                                                                                                      |
| 1.2.1. | Installation conditions, if any                                                                                    | : NA                                                                                                                                                                                                                                                      |
| 1.3.   | This ESA can be used only on the following vehicle types                                                           | : All                                                                                                                                                                                                                                                     |
| 1.3.1. | Installation conditions, if any                                                                                    | : NA                                                                                                                                                                                                                                                      |
| 1.4.   | The specific test method(s) used and the frequency ranges covered to determine immunity were                       | : Electrical disturbance test on voltage supply lines                                                                                                                                                                                                     |
| 1.5.   | Laboratory accredited to ISO 17025 and recognized by the Approval Authority responsible for carrying out the tests | : DARE!! Measurements                                                                                                                                                                                                                                     |
| 2.     | Remarks                                                                                                            | : --                                                                                                                                                                                                                                                      |

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<sup>(1)</sup> Strike out what does not apply.