

**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- ~~- approval withdrawn~~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\*10R06/02\*4161\*01**

- |      |   |  |
|------|---|--|
| 1.   | Make (trade name of manufacturer)   | : Victron Energy B.V.  |
| 2.   | Type and general commercial description(s)  | : <u>Battery Monitor with Shunt, type: BMV-712 Smart ?????</u>           |
| 3.   | Means of identification of type, if marked on the <del>vehicle/component</del> / separate technical unit <sup>(1)</sup> | : <u>-BMV-712 Smart</u><br><u>-BMV-712 Smart BLACK</u>                   |
| 3.1. | Location of that marking  | : <u>Label on</u> bottom side of housing                                 |
| 4.   | Category of vehicle   | : All  |
| 5.   | Name and address of manufacturer  | : Victron Energy B.V.<br>De Paal 35<br>1351 JG Almere<br>The Netherlands |
| 6.   | In the case of components and separate technical units, location and method of affixing of the approval mark            | : <u>Screen printing on rear (bottom) side</u>                           |
| 7.   | Address(es) of assembly plant(s)  | : _____<br>_____<br>_____  |
| 8.   | Additional information (where applicable)   | : see Appendix below   |

**Approval number: E4\*10R06/02\*4161\*01**

9. Technical service responsible for carrying out the tests : TÜV Rheinland Nederland B.V.  
: Eiberkamp 10  
9351 VT Leek  
The Netherlands
10. Date of test report : 03-02-2023
11. Number of test report : NL23K1VZ 001
12. Remarks (if any) : see Appendix
13. Place : Zoetermeer
14. Date : 17 March 2023
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 : Design and documentation update including update to ECE revision 10R-06.  
Change of assembly plant.

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

## APPENDIX

### to type-approval communication form number: E4\*10R06/02\*4161\*01

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

1. Additional information :
- 1.1. Electrical system rated voltage : 12 V or 24V ~~pos./neg.~~ ground<sup>(1)</sup>
- 1.2. This ESA can be used on any vehicle type with the following restrictions : None
  - 1.2.1. Installation conditions, if any : Not applicable
- 1.3. This ESA can be used only on the following vehicle types : All
  - 1.3.1. Installation conditions, if any : Not applicable
- 1.4. The specific test method(s) used and the frequency ranges covered to determine immunity were : ESA is Not Safety Related. Radiated Immunity Tests not applicable
- 1.5. Laboratory accredited to ISO 17025 and recognized by the Approval Authority responsible for carrying out the tests : TÜV Rheinland Nederland B.V.  
Eiberkamp 10  
9351 VT Leek  
: The Netherlands
2. Remarks : Valid for left-hand drive and right hand drive vehicles  
Attached to this Type Approval:  
Application form  
1 Annex 2B form  
Statement manufacturer and authorization regarding application  
1 EMC COP Testreport  
Product description  
Photo's  
BOM  
Schematic Diagram  
PCB Layout

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

