



THE NETHERLANDS

COMMUNICATION

Concerning ⁽¹⁾:



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- ~~approval withdrawn~~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

of a type of ~~electrical~~/electronic sub-assembly ⁽¹⁾ with regard to Regulation number 10.**Approval number: E4*10R06/02*4161*02**

1. Make (trade name of manufacturer) : Victron Energy B.V.
2. Type and general commercial description(s) : Battery Monitor with Shunt, type: BMV-712 Smart ?????
3. Means of identification of type, if marked on the ~~vehicle/component/ separate technical unit~~ ⁽¹⁾ : BMV-712 Smart
BMV-712 Smart Black
- 3.1. Location of that marking : Label on bottom side of housing.
4. Category of vehicle : N.A.
5. Name and address of manufacturer : Victron Energy B.V.
De Paal 35
1351 JG Almere Haven
The Netherlands
6. In the case of components and separate technical units, location and method of affixing of the approval mark : Screen printing on bottom side of product.
7. Address(es) of assembly plant(s) :
8. Additional information (where applicable) : see Appendix below
9. Technical service responsible for carrying out the tests : Kiwa Dare B.V.
Vijzelmolenlaan 7
3447 GX Woerden
The Netherlands



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

10. Date of test report : 2024 August, 29
11. Number of test report : 20240288.002RPT01
12. Remarks (if any) : Tested is the BMV-712 Smart, which is also representative for BMV 712 Smart Black (the variant is only different in colour).
13. Place : Zoetermeer
14. Date : 30 October 2024
15. Signature :  
Uwe Löbig
16. The index to the information package lodged with the approval authority, which may be obtained on request, is attached.
17. Reasons for extension : Components changed in Bill of Material.
Changed technical service to Kiwa Dare B.V.

⁽¹⁾ Strike out what does not apply.

APPENDIX

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

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

1. Additional information : --
- 1.1. Electrical system rated voltage : 12V or 24V ~~pos./neg.~~ ground ⁽¹⁾
- 1.2. This ESA can be used on any vehicle type with the following restrictions : None
- 1.2.1. Installation conditions, if any : N.A.
- 1.3. This ESA can be used only on the following vehicle types : N.A. (all)
- 1.3.1. Installation conditions, if any : N.A.
- 1.4. The specific test method(s) used and the frequency ranges covered to determine immunity were : Electrical disturbance test on voltage supply lines (ESA has only no immunity related functions, radiated immunity and BCI are N.A.)
- 1.5. Laboratory accredited to ISO 17025 and recognized by the Approval Authority responsible for carrying out the tests : Kiwa Dare B.V.
2. Remarks : Documentation:
- Certificate
 - Type approval mark example
 - Annex 2B
 - Report
 - Schematic
 - PCB, top and bottom
 - BOM
 - Declaration BMV 712 Smart / BMV 712 Smart Black
 - Statement for application changed technical service

⁽¹⁾ Strike out what does not apply.

