

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- ~~approval withdrawn~~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\*10R05/00\*3760\*01**

1. Make (trade name of manufacturer) : Victron Energy
2. Type and general commercial description(s) : Multi 12/500/20-16, Multi 24/500/10-16  
Extra commercial description: Multiplus 12/500/20-16, Multiplus 24/500/10-16
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 the top cover
4. Category of vehicle : All
5. Name and address of manufacturer : Victron Energy B.V.  
De Paal 35  
1351 JG Almere  
The Netherlands
6. In the case of components and separate technical units, location and method of affixing of the approval mark : Sreenprinted on the top cover.



**Approval number: E4\*10R05/00\*3760\*01**

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  
Vijzelmolenlaan 7  
3447 GX Woerden  
Netherlands
10. Date of test report : 2017 January, 18
11. Number of test report : 16C01211RPT02
12. Remarks (if any) : see Appendix
13. Place : Zoetermeer
14. Date : 19 August 2019
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 : Adding extra commercial description: Multiplus 12/500/20-16, Multiplus 24/500/10-16  
At 1.1 of the appendix, positive ground is changed to negative ground.

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

**APPENDIX**

**to type-approval communication form number: E4\*10R05/00\*3760\*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, 24Vdc 230Vac negative ground<sup>(1)</sup>
- 1.2. This ESA can be used on any vehicle type with the following restrictions : Not applicable
- 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 : Bulk current injection (BCI), 20-200MHz  
Radiated immunity, 200MHz – 2GHz  
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 : Documentation:  
Certificate  
Type approval mark example  
Annex 2B  
Test report  
Schematic  
PCB  
BOM

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

