

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

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- ~~approval withdrawn~~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*10R05/01*4191*00**

1. Make (trade name of manufacturer) : Victron Energy
2. Type and general commercial description(s) : 12/1200 230V VE.Direct
3. Means of identification of type, if marked on the ~~vehicle~~/component/
~~separate technical unit~~⁽¹⁾ : 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
7. Address(es) of assembly plant(s) :



Approval number: E4*10R05/01*4191*00

8. Additional information (where applicable) : see Appendix below
9. Technical service responsible for carrying out the tests : DARE!! Measurements
Vijzelmolenlaan 7
3447 GX Woerden
The Netherlands
10. Date of test report : 2018 July, 11
11. Number of test report : 17C01431RPT01
12. Remarks (if any) : see Appendix
13. Place : Zoetermeer
14. Date : 24-SEP-2018
15. Signature :


P. van Tol



16. The index to the information package lodged with the approval authority, which may be obtained on request, is attached.
17. Reasons for extension : --

⁽¹⁾ Strike out what does not apply.

APPENDIX

to type-approval communication form number: E4*10R05/01*4191*00

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

1. Additional information : The EUT is not immunity related
- 1.1. Electrical system rated voltage : 12Vdc 230Vac, NA ground⁽¹⁾
- 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 : Radiated immunity, 200 MHz – 2 GHz
Bulk current injection (BCI), 20 – 200 MHz
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 : Documents:
Certificate
Type approval mark example
Annex 2B
Report
Schematic and PCB FAN V9
Schematic and PCB MAIN v25
Schematic and PCB FILTER VOTC25
BOM

⁽¹⁾ Strike out what does not apply.

