

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- ~~approval withdrawn~~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*10R06/02*5393*00**

1. Make (trade name of manufacturer) : Victron Energy B.V.
2. Type and general commercial description(s) : Orion XS 12|12-50A DC/DC battery charger
3. Means of identification of type, if marked on the ~~vehicle~~/component/
separate technical unit⁽¹⁾ : Orion XS 12|12-50A DC/DC battery charger
 - 3.1. Location of that marking : Label on top of housing
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 : Top side of the housing
7. Address(es) of assembly plant(s)

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8. Additional information (where applicable) : see Appendix below
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 : 01-02-2024
11. Number of test report : NL24TVR3 001
12. Remarks (if any) : see Appendix
13. Place : Zoetermeer
14. Date : 5 March 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 : NA

⁽¹⁾ Strike out what does not apply.

APPENDIX

to type-approval communication form number: E4*10R06/02*5393*00

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

1. Additional information :
 - 1.1. Electrical system rated voltage : 12 V ... ~~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 : 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
Product description
1 Annex 2B form
1 EMC Testreport
Photos
BOM
Schematic Diagrams
PCB Layouts
Declaration of equality

⁽¹⁾ Strike out what does not apply.