

**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- ~~- approval withdrawn~~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\*4190\*01**

- |      |                                                                                                                           |                                                                                                                                                                          |
|------|---------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1.   | Make (trade name of manufacturer)                                                                                         | : Victron Energy B.V.                                                                                                                                                    |
| 2.   | Type and general commercial description(s)                                                                                | Pure Sinewave Inverter, type:<br>: <u>Phoenix Inverter 24/800 230V VE. Direct ??????</u>                                                                                 |
| 3.   | Means of identification of type, if marked on the vehicle/component/<br><del>separate technical unit</del> <sup>(1)</sup> | - <u>Phoenix Inverter 24/800 230V VE. Direct SCHUKO</u><br>- <u>Phoenix Inverter 24/800 230V VE. Direct IEC</u><br>: - <u>Phoenix Inverter 24/800 230V VE. Direct UK</u> |
| 3.1. | Location of that marking                                                                                                  | : <u>Label on bottom side of housing</u>                                                                                                                                 |
| 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              | Screen printing on front (top) side<br>:                                                                                                                                 |
| 7.   | Address(es) of assembly plant(s)                                                                                          | _____<br>_____<br>_____<br>_____                                                                                                                                         |



**Approval number: E4\*10R06/02\*4190\*01**

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 : 03-02-2023
11. Number of test report : NL23HZCT 001
12. Remarks (if any) : see Appendix
13. Place : Zoetermeer
14. Date : 10 May 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.  
Removal of type “Phoenix Inverter 48/800 230V VE.Direct” since it was never subject to ECE R10 and mentioned by mistake in the original certificate.

---

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

## APPENDIX

### to type-approval communication form number: E4\*10R06/02\*4190\*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 : 24 V ~~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  
Declaration of equality

---

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

