



THE NETHERLANDS

COMMUNICATION

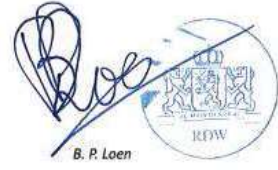
Concerning ⁽¹⁾:

- ~~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- ~~approval withdrawn~~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*10R06/03*3542*03**

- | | | |
|------|---|--|
| 1. | Make (trade name of manufacturer) | ⌚ Victron Energy B.V. |
| 2. | Type and general commercial description(s) | ⌚ Battery Protector, type: BatteryProtect 12/24V-???A |
| 3. | Means of identification of type, if marked on the ~~vehicle~~ /component/
~~separate technical unit~~ ⁽¹⁾ | ⌚ BatteryProtect 12/24V-220A
BatteryProtect 12/24V-100A |
| 3.1. | Location of that marking | ⌚ Label on rear (bottom) side |
| 4. | Category of vehicle | ⌚ <u>N.A.</u> |
| 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 | ⌚ Screen printing on top of the housing |
| 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.
Viijelmolenlaan 7
3447 GX Woerden
The Netherlands
10. Date of test report : 2025 February, 24
11. Number of test report : 20240432.001RPT03
12. Remarks (if any) : BatteryProtect 12/24V-100A and BatteryProtect 12/24V-220A are part of the "Battery Protect 12/24V-???A" series, with the same functionality and the same PCB layout. The BatteryProtect 12/24V-220A has been tested as worst case.
13. Place : Zoetermeer
14. Date : 11 April 2025
15. Signature : 
16. The index to the information package lodged with the approval authority, which may be obtained on request, is attached.
17. Reasons for extension :
 - Removed BatteryProtect 12/24V-65A of this certificate.
 - Changes in schematic: see change log doc. BPR R122 B.2 - Schematic v2.1
 - Updated BOM list.
 - Update to the latest revision of the standard.
 - Technical Service changed to Kiwa Dare.

⁽¹⁾ Strike out what does not apply.

APPENDIX

to type-approval communication form number: E4*10R06/03*3542*03

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

- | | | |
|--------|--|--|
| 1. | Additional information | : N.A. |
| 1.1. | Electrical system rated voltage | : 12 or 24 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 | : N.A. |
| 1.3. | This ESA can be used only on the following vehicle types | : <u>N.A.</u> |
| 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 | : <u>The EUT has only no immunity related functions, see section 6.10.3 (exceptions) of Regulation 10. Electrical disturbance test on voltage supply lines</u> |
| 1.5. | Laboratory accredited to ISO 17025 and recognized by the Approval Authority responsible for carrying out the tests | : <u>Kiwa Dare B.V.</u> |
| 2. | Remarks | : Documentation: <ul style="list-style-type: none">• <u>Certificate</u>• <u>Type approval mark example</u>• <u>Annex 2B</u>• <u>Report: 20240432.001RPT03</u>• <u>Schematic and change log: BPR R122 B.2 - Schematic v2.1</u>• <u>PCB top and bottom layer</u>• <u>BOM</u>• <u>Declaration / MFR TO RDW</u> |

⁽¹⁾ Strike out what does not apply.

