



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- ~~approval withdrawn~~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 |



Approval number: E4*10R06/03*3542*03

9. Technical service responsible for carrying out the tests : Kiwa Dare B.V.
Viizelmolenlaan 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 : N.A.
- 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 : The EUT has only no immunity related functions, see section 6.10.3 (exceptions) of Regulation 10. 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 : Kiwa Dare B.V.
2. Remarks : Documentation:
- Certificate
 - Type approval mark example
 - Annex 2B
 - Report: 20240432.001RPT03
 - Schematic and change log: BPR R122 B.2 - Schematic v2.1
 - PCB top and bottom layer
 - BOM
 - Declaration / MFR TO RDW

⁽¹⁾ Strike out what does not apply.

