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- approval withdrawn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*4363*01

1. Make (trade name of manufacturer) : Victron Energy B.V.

2. Type and general commercial description(s) :
   - ????.Solar MPPT ???? ??????????

  Retail

3. Means of identification of type, if marked on the vehicle/component/ separate technical unit (1) :
   - SmartSolar MPPT 75/10 Retail
   - SmartSolar MPPT 75/15 Retail
   - SmartSolar MPPT 100/15 Retail
   - SmartSolar MPPT 100/20 Retail
   - BlueSolar MPPT 100/15 Retail
   - BlueSolar MPPT 100/20 (up to 48V) Retail

3.1. Location of that marking : Top Side of housing of Product

4. Category of vehicle : All

5. Name and address of manufacturer : Victron Energy B.V.
   De Paal 35
   1351 JG Almere
   The Netherlands

Type-approval Department

P.O. Box 777
2708 AT Zoetermeer
The Netherlands
Tel. +31 79 345 83 02
E-mail typeapproval@rdw.nl
www.rdw.nl

EMC-component R10-05 v6.60
6. In the case of components and separate technical units, location and method of affixing of the approval mark: Screen printing on Top Side of housing of Product

7. Address(es) of assembly plant(s):

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: 11-03-2021


12. Remarks (if any): see Appendix

13. Place: Zoetermeer

14. Date: 15 March 2021

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: Adding same types but without Bluetooth

(*) Strike out what does not apply.
APPENDIX

to type-approval communication form number: E4*10R05/01*4363*01

centering 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 or 24V ... 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
1 Annex 2B form
1 EMC Testreport
Photo’s
BOM’s
Schematic Diagrams
PCB Layouts

\(^{(1)}\) Strike out what does not apply.