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- approval withdrawn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*00 Cor.01

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

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

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

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

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
Approval number: E4*10R05/01*4363*00 Cor.01

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 : August 2, 2019

11. Number of test reports : 19050301.A01 / 19050301.A02

12. Remarks (if any) : see Appendix

13. Place : Zoetermeer

14. Date : 05 November 2019

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 : N/A

(Strike out what does not apply.)
APPENDIX

to type-approval communication form number: E4*10R05/01*4363*00 Cor.01

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 or 24V ... pos./neg. ground(*)
   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.