DECLARATION OF CONFORMITY

CE

COMPANY	:	Victron Energy B.V.
ADDRESS	:	De Paal 35 1351 JG Almere The Netherlands

Declares that the following products:

PRODUCT TYPE	:	DC TO DC CONVERTER, Orion-Tr Smart
BRAND	:	Victron Energy
MODELS	:	

Orion-Tr Smart 12/12-18A (220W) Isolated DC-DC charger	Orion-Tr Smart 24/12-20A (240W) Isolated DC-DC charger
Orion-Tr Smart 12/12-30A (360W) Isolated DC-DC charger	Orion-Tr Smart 24/12-30A (360W) Isolated DC-DC charger
Orion-Tr Smart 12/12-30A (360W) Non-isolated DC- DC charger	Orion-Tr Smart 24/12-30A (360W) Non-isolated DC- DC charger
Orion-Tr Smart 12/24-10A (240W) Isolated DC-DC charger	Orion-Tr Smart 24/24-12A (280W) Isolated DC-DC charger
Orion-Tr Smart 12/24-15A (360W) Isolated DC-DC charger	Orion-Tr Smart 24/24-17A (400W) Isolated DC-DC charger
Orion-Tr Smart 12/24-15A (360W) Non-isolated DC- DC charger	Orion-Tr Smart 24/24-17A (400W) Non-isolated DC- DC charger
Orion-Tr Smart 12/48-8A Isolated DC-DC charger**	Orion-Tr Smart 24/48-8.5A Isolated DC-DC charger**
Orion-Tr Smart 48/12-20A Isolated DC-DC charger**	Orion-Tr Smart 48/12-30A Isolated DC-DC charger**
Orion-Tr Smart 48/24-16A Isolated DC-DC charger**	Orion-Tr Smart 48/48-8A Isolated DC-DC charger**

are in conformity with the below Union harmonization legislation directive and Other Union harmonization legislation where applicable:

- *RED Directive 2014/53/EU **
- *RoHS (2011/65/EU and 2015/863/EU)*
- *EC REACH Regulation (EC 1907/2006)*

References to the relevant harmonized standards used or references to the other technical specifications in relation to which conformity is declared below:

- EN 61000-6-3:2007/A1:2011/AC:2012
- EN 61000-6-2:2005/AC:2005
- EN 61000-6-1:2007
- EN 55014-1:2017/A11:2020
- EN 55014-2:1997+A1:2001+A2:2008
- ETSI EN 301 489-1 V2.2.3
- ETSI EN 301 489-17 V3.2.4
- ETSI EN 300 328 v2.2.2
- EN 62311:2008
- EN 62368-1:2014+AC:2015
- EN 62109-1:2010
- EN-IEC 63000:2018
- ECE R10-6

*Note:Cyber security related articles Art. 3.3 d,e,f of RED Directive 2014/53/EU are not applicable, as these products do not connect to the internet either directly or indirectly, do not process personal/traffic/location data, and cannot enable monetary transactions.

** Not ECE R10-6 certified

CE MARK DATE: July 18th, 2020

Signed: Reinout Vader

Authority: Managing Director

Date: 30th July 2025