

DECLARATION OF CONFORMITY



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

Are in conformity with the requirements of the following Directives of the European Union:

EMC Directive 2014/30/EU with the following harmonized standards:

EN-IEC 61000-6-3:2007/A1:2011/AC:2012
EN-IEC 61000-6-2:2005/AC:2005
EN-IEC 61000-6-1:2007
EN 55014-1:2017/A11:2020
EN 55014-2:1997/A1:2001/A2:2008

RED Directive 2014/53/EU with the following standards:

CISPR 16-2-3: 2010 (EN 55016-2-3: 2010 and Amd. A1: 2010)
ETSI EN 301 489-1 V2.2.3 and ETSI EN 301 489-17 V3.2.4
ETSI EN 300 328 v2.2.2, Clause 4.3.1.10 and Clause 4.3.1.11

Low Voltage Directive 2014/35/EU with the following harmonized standards:

EN-IEC 62368-1:2014/AC:2015
EN-IEC 62109-1:2010

Restriction of the use of certain hazardous substances RoHS (2011/65/EU and 2015/863/EU) with the following harmonized standards:

EN-IEC 63000:2018

Vehicle Radiated Emissions & Immunity:

ECE R10-6

CE MARK DATE: July 18th, 2020

Signed: Reinout Vader

Authority: Managing Director
Date: 29 December 2021