

## 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  
BRAND : Victron Energy  
MODELS :

Orion-Tr 12/12-9A (110W) Isolated	Orion-Tr 24/12-9A (110W) Isolated	Orion-Tr 48/12-9A (110W) Isolated
Orion-Tr 12/12-18A (220W) Isolated	Orion-Tr 24/12-20A (240W) Isolated	Orion-Tr 48/12-20A (240W) Isolated
Orion-Tr 12/12-30A (360W) Isolated	Orion-Tr 24/12-30A (360W) Isolated	Orion-Tr 48/12-30A (360W) Isolated
Orion-Tr 12/24-5A (120W) Isolated	Orion-Tr 24/24-5A (120W) Isolated	Orion-Tr 48/24-5A (120W) Isolated
Orion-Tr 12/24-10A (240W) Isolated	Orion-Tr 24/24-12A (280W) Isolated	Orion-Tr 48/24-12A (280W) Isolated
Orion-Tr 12/24-15A (360W) Isolated	Orion-Tr 24/24-17A (400W) Isolated	Orion-Tr 48/24-16A (380W) Isolated
	Orion-Tr 24/48-2,5A (120W) Isolated	Orion-Tr 48/48-2,5A (120W) Isolated
	Orion-Tr 24/48-6A (280W) Isolated	Orion-Tr 48/48-6A (280W) Isolated
	Orion-Tr 24/48-8,5A (400W) Isolated	Orion-Tr 48/48-8A (380W) Isolated

Are in conformity with the requirements of the following Directive 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  
EN 50498:2010

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

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

### **Vehicle Radiated Emissions & Immunity**

ECE R10-5

### **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

CE MARK DATE: March, 2017

Signed: Reinout Vader

Authority: Managing Director  
Date: 29 December 2021