

# DECLARATION

## Declaration of Conformity



**Applicant:** Victron Energy B.V.  
De Paal 35  
1351 JG Almere  
The Netherlands

**Product type:** Solar Charger

**Model:** BlueSolar MPPT100|50  
SmartSolar MPPT100|50  
BlueSolar MPPT150|35  
SmartSolar MPPT150|35  
BlueSolar MPPT150|45  
SmartSolar MPPT150|45

**Rating:** See page 2

A representative test sample of above stated model passed the tests according to:

**Standard:** IEC 62109-1:2010  
EN 62109-1:2010

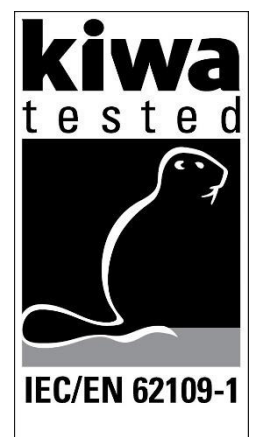
**Report no:** 15PP005-01

**Certificate no:** 15-057-02

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**Kiwa Primara GmbH**  
Gewerbestraße 28  
87600 Kaufbeuren  
Germany  
Tel. +49 8341 99726-0  
primara@kiwa.com  
www.kiwa.de

**Michael Schugg**





## Technical Data

Model/Type reference	<u>BlueSolar MPPT100 50</u>	<u>BlueSolar MPPT150 35</u>
Max. input voltage:	100Vdc	150Vdc
Battery voltage (autoselect):	12Vdc; 24Vdc	12Vdc; 24Vdc; 36Vdc; 48Vdc
Max. PV Power 12Vdc:	700W	500W
Max. PV Power 24Vdc:	1400W	1000W
Max. PV Power 36Vdc:	--	1500W
Max. PV Power 48Vdc:	--	2000W
Rated charge current:	50A	35A

Model/Type reference	<u>SmartSolar MPPT100 50</u>	<u>SmartSolar MPPT150 35</u>
Max. input voltage:	100Vdc	150Vdc
Battery voltage (autoselect):	12Vdc; 24Vdc	12Vdc; 24Vdc; 36Vdc; 48Vdc
Max. PV Power 12Vdc:	700W	500W
Max. PV Power 24Vdc:	1400W	1000W
Max. PV Power 36Vdc:	--	1500W
Max. PV Power 48Vdc:	--	2000W
Rated charge current:	50A	35A

Model/Type reference	<u>BlueSolar MPPT150 45</u> <u>SmartSolar MPPT150 45</u>
Max. input voltage:	150Vdc
Battery voltage (autoselect):	12Vdc; 24Vdc; 36Vdc; 48Vdc
Max. PV Power 12Vdc:	650W
Max. PV Power 24Vdc:	1300W
Max. PV Power 36Vdc:	1950W
Max. PV Power 48Vdc:	2600W
Rated charge current:	45A