



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

Date of issue: 2021-04-26

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

Michael Schugg

- Digitally signed | see <http://ca.kiwa-deutschland.de> for more details -

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