



DECLARATION

Declaration of Conformity



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

Product type: Solar Charger

Model: BlueSolar MPPT100|15
BlueSolar MPPT100|30
SmartSolar MPPT100|15
SmartSolar MPPT100|20
BlueSolar MPPT100|20
SmartSolar MPPT100|30
SmartSolar MPPT100|20_48V
BlueSolar MPPT100|20_48V

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: 15PP038-01

Certificate no: 15-108-03

Date of issue: 2020-08-06

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

Peter Hanses





Technical Data

Model/Type reference	BlueSolar MPPT100 15	BlueSolar MPPT100 30
Max. input voltage	100Vdc	100Vdc
Battery voltage (autoselect)	12Vdc; 24Vdc	12Vdc; 24Vdc
Max. PV Power 12Vdc	220W	440W
Max. PV Power 24Vdc	440W	880W
Rated charge current	15A	30A

Model/Type reference	SmartSolar MPPT100 15	SmartSolar MPPT100 20 BlueSolar MPPT100 20	SmartSolar MPPT100 30
Max. input voltage	100Vdc	100Vdc	100Vdc
Battery voltage (auto-select)	12Vdc; 24Vdc	12Vdc; 24Vdc	12Vdc; 24Vdc
Max. PV Power 12Vdc	220W	290W	440W
Max. PV Power 24Vdc	440W	580W	880W
Rated charge current	15A	20A	30A

Model/Type reference	SmartSolar MPPT100 20_48V BlueSolar MPPT100 20_48V
Max. input voltage	100Vdc
Battery voltage (autoselect)	48Vdc
Max. PV Power 12Vdc	290W
Max. PV Power 24Vdc	580W
Max. PV Power 36Vdc	870W
Max. PV Power 48Vdc	1160W
Rated charge current	20A