



A P P R O V A L S ®

## Certificate of Suitability

**Certificate No.:** SAA210799

**Certificate Holder:** Victron Energy B.V.  
De Paal 35,  
1351 JG, Almere  
Netherlands

**Regulatory Definition:** Non-Prescribed  
**Product Description:** Solar Battery Charger  
**Trade Name/s:** Victron  
**Model No.:** BlueSolarMPPT100|30  
**Rating/Marking/s:** 100Vdc Max  
Battery Voltage (auto Select) 12/24Vdc  
Max PV Power 12Vdc: 440W  
Max PV Power 24Vdc: 880W  
Charging Current: 30A  
Class I IP43 -30°C to +60°C (Full rated output to 40°C)

**Standard/s:** IEC 62109-1 Ed. 1.0  
**Condition/s:** Must comply with the Standard requirements  
of the end product when installed.

**Approval Marks:** RCM and SAA210799

**Initial Issue Date:** 3 June 2021  
**Expiry Date:** 3 June 2026

For and on Behalf of  
SAA Approvals Pty Ltd

This certificate is issued by SAA Approvals Pty Ltd in accordance with the SAA Approvals Electrical Product Safety Certification Scheme accredited by JAS-ANZ under AS/NZS ISO/IEC 17065 and RECS accreditation under the Queensland Government legislative requirements. SAA certifies the product nominated in this certificate complies with standard/s listed above in accordance with the schemes herein.

For SAA Contact Details and to verify this Certificate go to:

[www.saaapprovals.com.au](http://www.saaapprovals.com.au)

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## Certificate of Suitability

Models	Trade Name	Rating/Marking
SmartSolar MPPT100 20	Victron	100Vdc Max Battery Voltage (auto Select) 12/24Vdc Max PV Power 12Vdc: 290W Max PV Power 24Vdc: 580W Charging Current: 20A Class I IP43 -30°C to +60°C (Full rated output to 40°C)
SmartSolar MPPT100 20_48V	Victron	100Vdc Max Battery Voltage (auto Select) 12/24/36/48Vdc Max PV Power 12Vdc: 290W Max PV Power 24Vdc: 580W Max PV Power 36Vdc: 870W Max PV Power 48Vdc: 1160W Charging Current: 20A Class I IP43 -30°C to +60°C (Full rated output to 40°C)
SmartSolar MPPT100 30	Victron	100Vdc Max Battery Voltage (auto Select) 12/24Vdc Max PV Power 12Vdc: 440W Max PV Power 24Vdc: 880W Charging Current: 30A Class I IP43 -30°C to +60°C (Full rated output to 40°C)
BlueSolar MPPT100 20	Victron	100Vdc Max Battery Voltage (auto Select) 12/24Vdc Max PV Power 12Vdc: 290W Max PV Power 24Vdc: 580W Charging Current: 20A Class I IP43 -30°C to +60°C (Full rated output to 40°C)
BlueSolar MPPT100 20_48V	Victron	100Vdc Max Battery Voltage (auto Select) 12/24/36/48Vdc Max PV Power 12Vdc: 290W Max PV Power 24Vdc: 580W Max PV Power 36Vdc: 870W Max PV Power 48Vdc: 1160W Charging Current: 20A Class I IP43 -30°C to +60°C (Full rated output to 40°C)

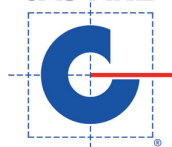
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