



A P P R O V A L S ®

Certificate of Suitability

Certificate No.: SAA180555

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

Regulatory Definition: Non-Prescribed

Product Description: Solar Battery Charger

Standard/s: IEC 62109-1 Ed. 1.0

Condition/s: All models approved under this Certificate must comply with the Standard requirements of the end product when installed.

Approval Marks: RCM (In accordance with AS/NZS 4417 and EESS requirements)
and
SAA180555

Initial Issue Date: 6 March 2018

Expiry Date: 6 March 2028

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.

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| Model | Trade Name | Rating/Marking |
|---------------------------|------------|--|
| SmartSolar MPPT150 45-TR | Victron | 150Vdc Max 45A Battery: 12Vdc/650W, 24Vdc/1300W, 36Vdc/1950W, 48Vdc/2600W Charging current: 45A IP43 |
| SmartSolar MPPT150 60-TR | Victron | 150Vdc Max, 50A Battery: 12Vdc/860W, 24Vdc/1720W, 36Vdc/2580W, 48Vdc/3440W Charging current: 60A IP43 |
| SmartSolar MPPT150 70-TR | Victron | 150Vdc Max, 50A Battery: 12Vdc/1000W, 24Vdc/2000W, 36Vdc/3000W, 48Vdc/4000W Charging current: 70A IP43 |
| SmartSolar MPPT150 85-TR | Victron | 150Vdc Max, 70A Battery: 12Vdc/1200W, 24Vdc/2400W, 36Vdc/3600W, 48Vdc/4900W Charging current: 85A IP43 |
| SmartSolar MPPT150 100-TR | Victron | 150Vdc Max, 70A Battery: 12Vdc/1450W, 24Vdc/2900W, 36Vdc/4350W, 48Vdc/5800W Charging current: 100A IP43 |
| SmartSolar MPPT150 45-MC4 | Victron | 150Vdc, 45A Battery: 12Vdc/650W, 24Vdc/1300W, 36Vdc/1950W, 48Vdc/2600W Charging current: 45A IP43 |
| SmartSolar MPPT150 60-MC4 | Victron | 150Vdc Max, 50A Battery: 12Vdc/860W, 24Vdc/1720W, 36Vdc/2580W, 48Vdc/3440W Charging current: 60A IP43 |

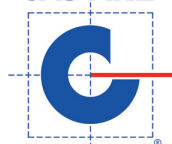
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| SmartSolar MPPT150 70-MC4 | Victron | 150Vdc Max, 50A Battery: 12Vdc/1000W, 24Vdc/2000W, 36Vdc/3000W, 48Vdc/4000W Charging current: 70A IP43 |
| SmartSolar MPPT150 85-MC4 | Victron | 150Vdc Max, 70A Battery: 12Vdc/1200W, 24Vdc/2400W, 36Vdc/3600W, 48Vdc/4900W Charging current: 85A IP43 |
| SmartSolar MPPT150 100-MC4 | Victron | 150Vdc Max, 70A Battery: 12Vdc/1450W, 24Vdc/2900W, 36Vdc/4350W, 48Vdc/5800W Charging current: 100A IP43 |
| SmartSolar MPPT150 45 TR VE.CAN | Victron | 150Vdc Max, 45A Battery: 12Vdc/650W, 24Vdc/1300W, 36Vdc/1950W, 48Vdc/2600W Charging current: 45A IP43 |
| SmartSolar MPPT150 60 TR VE.CAN | Victron | 150Vdc Max, 50A Battery: 12Vdc/860W, 24Vdc/1720W, 36Vdc/2580W, 48Vdc/3440W Charging current: 60A IP43 |
| SmartSolar MPPT150 70 TR VE.CAN | Victron | 150Vdc Max, 50A Battery: 12Vdc/1000W, 24Vdc/2000W, 36Vdc/3000W, 48Vdc/4000W Charging current: 70A IP43 |
| SmartSolar MPPT150 85 TR VE.CAN | Victron | 250Vdc Max, 35A Battery: 12Vdc/1200W, 24Vdc/2400W, 36Vdc/3600W, 48Vdc/4900W Charging current: 85A IP43 |

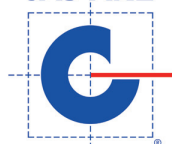
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| SmartSolar MPPT150 100 TR VE.CAN | Victron | 150Vdc Max, 70A Battery: 12Vdc/1450W, 24Vdc/2900W, 36Vdc/4350W, 48Vdc/5800W Charging current: 100A IP43 |
| SmartSolar MPPT150 70 MC4 VE.CAN | Victron | 150Vdc Max, 50A Battery: 12Vdc/1000W, 24Vdc/2000W, 36Vdc/3000W, 48Vdc/4000W Charging current: 70A IP43 |
| SmartSolar MPPT150 85 MC4 VE.CAN | Victron | 250Vdc Max, 35A Battery: 12Vdc/1200W, 24Vdc/2400W, 36Vdc/3600W, 48Vdc/4900W Charging current: 85A IP43 |
| SmartSolar MPPT150 100 MC4 VE.CAN | Victron | 150Vdc Max, 70A Battery: 12Vdc/1450W, 24Vdc/2900W, 36Vdc/4350W, 48Vdc/5800W Charging current: 100A IP43 |
| SmartSolar MPPT250 60-TR | Victron | 250Vdc Max, 35A Battery: 12Vdc/860W, 24Vdc/1720W, 36Vdc/2580W, 48Vdc/3440W Charging current: 60A IP43 |
| SmartSolar MPPT250 70-TR | Victron | 250Vdc Max, 35A Battery: 12Vdc/1000W, 24Vdc/2000W, 36Vdc/3000W, 48Vdc/4000W Charging current: 70A IP43 |
| SmartSolar MPPT250 85-TR | Victron | 250Vdc Max, 35A Battery: 12Vdc/1200W, 24Vdc/2400W, 36Vdc/3600W, 48Vdc/4900W Charging current: 85A IP43 |

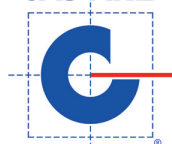
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| SmartSolar MPPT250 100-TR | Victron | 250Vdc Max, 35A Battery: 12Vdc/1450W, 24Vdc/2900W, 36Vdc/4350W, 48Vdc/5800W Charging current: 100A IP43 |
| SmartSolar MPPT250 60-MC4 | Victron | 250Vdc Max, 35A Battery: 12Vdc/860W, 24Vdc/1720W, 36Vdc/2580W, 48Vdc/3440W Charging current: 60A IP43 |
| SmartSolar MPPT250 70-MC4 | Victron | 250Vdc Max, 35A Battery: 12Vdc/1000W, 24Vdc/2000W, 36Vdc/3000W, 48Vdc/4000W Charging current: 70A IP43 |
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| SmartSolar MPPT250 60 TR VE.CAN | Victron | 150Vdc Max, 50A Battery: 12Vdc/860W, 24Vdc/1720W, 36Vdc/2580W, 48Vdc/3440W Charging current: 60A IP43 |
| SmartSolar MPPT250 70 TR VE.CAN | Victron | 150Vdc Max, 50A Battery: 12Vdc/1000W, 24Vdc/2000W, 36Vdc/3000W, 48Vdc/4000W Charging current: 70A IP43 |

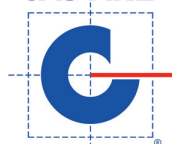
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| SmartSolar MPPT250 100 TR VE.CAN | Victron | 150Vdc Max, 70A Battery: 12Vdc/1450W, 24Vdc/2900W, 36Vdc/4350W, 48Vdc/5800W Charging current: 100A IP43 |
| SmartSolar MPPT250 70 MC4 VE.CAN | Victron | 150Vdc Max, 50A Battery: 12Vdc/1000W, 24Vdc/2000W, 36Vdc/3000W, 48Vdc/4000W Charging current: 70A IP43 |
| SmartSolar MPPT250 85 MC4 VE.CAN | Victron | 250Vdc Max, 35A Battery: 12Vdc/1200W, 24Vdc/2400W, 36Vdc/3600W, 48Vdc/4900W Charging current: 85A IP43 |
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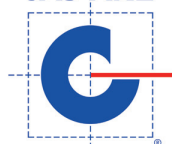
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