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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
Trade Name/s:	Victron
Model No.:	SmartSolar MPPT150 45-TR
Rating/Marking/s:	150Vdc Max 45A Battery: 12Vdc/650W, 24Vdc/1300W, 36Vdc/1950W, 48Vdc/2600W Charging current: 45A IP43
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 and SAA180555
Initial Issue Date:	6 March 2018
Expiry Date:	6 March 2023

R A Nello

For and on behalf of
SAA Approvals Pty Ltd

SAA Approvals Pty Ltd is accredited by JAS-ANZ under ISO/IEC 17005 and declared a RECS under Old Electrical Safety Act 2002 and Electrical Safety Regulations 2013 certifies in accordance with the SAA Approvals Electrical Product Safety Certificate Scheme that the product nominated in this certificate complies with standard's intent.

When using the RCM the requirements of all relevant parts of AS/NZS 4417 applicable to the article must be fulfilled.

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

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Issued: 02-09-20 180555/1b
Reissued, updated



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Certificate of Suitability

Addendum

Certificate No.: SAA180555

Date of Issue: 2 September 2020

Regulatory Definition: Non-Prescribed
Product Description: Solar Battery Charger

Additional Models	Trade Name	Rating/Marking
SmartSolar MPPT150 45-MC4	Victron	150Vdc, 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 60-MC4	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 70-MC4	Victron	150Vdc Max, 50A Battery: 12Vdc/1000W, 24Vdc/2000W, 36Vdc/3000W, 48Vdc/4000W charging current 70A IP43

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For and on Behalf of
SAA Approvals Pty Ltd

SAA Approvals Pty Ltd is accredited by JAS-ANZ under ISO/IEC 17066 and declared a RECS under the Electrical Safety Act 2002 and Electrical Safety Regulations 2012 certifies in accordance with the SAA Approvals Electrical Product Safety Certification Scheme that the product nominated in this certificate complies with standards listed.

When using the RCM the requirements of all relevant parts of AS/NZS 4417 applicable to the article must be fulfilled.

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Issued: 02-09-20 180555/2b
Revised, updated



Certificate of Suitability

Addendum

Certificate No.: SAA180555

Date of Issue: 2 September 2020

Regulatory Definition: Non-Prescribed
Product Description: Solar Battery Charger

Additional Models	Trade Name	Rating/Marking
SmartSolar MPPT150 85-TR	Victron	150Vdc Max, 70A Battery: 12Vdc/1200W, 24Vdc/2400W, 36Vdc/3600W, 48Vdc/4900W charging current 85A 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-TR	Victron	150Vdc Max, 70A Battery: 12Vdc/1450W, 24Vdc/2900W, 36Vdc/4350W, 48Vdc/5800W charging current 100A IP43
SmartSolar MPPT150 100-MC4	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

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For and on Behalf of
SAA Approvals Pty Ltd

SAA Approvals Pty Ltd is accredited by JAS-ANZ under ISO/IEC 17065 and declared a RECS under Old Electrical Safety Act 2002 and Electrical Safety Regulations 2012 certifies in accordance with the SAA Approvals Electrical Product Safety Contribution Scheme that the product referenced in this certificate complies with standard/s listed.

When using the RCM the requirements of all relevant parts of AS/NZS 4417 applicable to the article must be fulfilled.

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Revised, updated



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Certificate of Suitability

Addendum

Certificate No.: SAA180555

Date of Issue: 2 September 2020

Regulatory Definition: Non-Prescribed
Product Description: Solar Battery Charger

Additional Models	Trade Name	Rating/Marking
SmartSolar MPPT250 60-MC4	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 70-MC4	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
SmartSolar MPPT250 85-MC4	Victron	250Vdc Max, 35A Battery: 12Vdc/1200W, 24Vdc/2400W, 36Vdc/3600W, 48Vdc/4900W charging current 85A IP43

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For and on Behalf of
SAA Approvals Pty Ltd

SAA Approvals Pty Ltd is accredited by JAS-ANZ under ISO/IEC 17065 and declared a RECS under the Electrical Safety Act 2002 and Electrical Safety Regulations 2013 certifies in accordance with the SAA Approval Electrical Product Safety Certification Scheme that the product nominated in this certificate complies with standard's listed.

When using the RCM the requirements of all relevant parts of AS/NZS 4417 applicable to the article must be fulfilled.

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Issued: 02-09-20 180555/4a
Revised, updated



Certificate of Suitability

Addendum

Certificate No.: SAA180555

Date of Issue: 2 September 2020

Regulatory Definition: Non-Prescribed
Product Description: Solar Battery Charger

Additional Models	Trade Name	Rating/Marking
SmartSolar MPPT250 100-TR	Victron	250Vdc Max, 35A Battery: 12Vdc/1450W, 24Vdc/2900W, 36Vdc/4350W, 48Vdc/5800W charging current 100A IP43
SmartSolar MPPT250 100-MC4	Victron	250Vdc Max, 35A Battery: 12Vdc/1450W, 24Vdc/2900W, 36Vdc/4350W, 48Vdc/5800W charging current 100A IP43
MPPT150 85 TR VE.CAN	Victron	250Vdc Max, 35A Battery: 12Vdc/1200W, 24Vdc/2400W, 36Vdc/3600W, 48Vdc/4900W charging current 85A IP43
MPPT150 100 TR VE.CAN	Victron	150Vdc Max, 70A Battery: 12Vdc/1450W, 24Vdc/2900W, 36Vdc/4350W, 48Vdc/5800W charging current 100A IP43
MPPT250 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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For and on Behalf of
SAA Approvals Pty Ltd

SAA Approvals Pty Ltd is accredited by JAS-ANZ under ISO/IEC 17066 and declared a RECS under the Electrical Safety Act 2002 and Electrical Safety Regulations 2013 certifies in accordance with the SAA Approvals Electrical Product Safety Certification Scheme that the product nominated in this certificate complies with standards listed.

When using the RCM the requirements of all relevant parts of AS/NZS 4417 applicable to the article must be fulfilled.

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Issued: 02-09-20 180555/5a
Revised, updated



Certificate of Suitability

Addendum

Certificate No.: SAA180555

Date of Issue: 2 September 2020

Regulatory Definition: Non-Prescribed
Product Description: Solar Battery Charger

Additional Models	Trade Name	Rating/Marking
MPPT250 100 TR VE.CAN	Victron	150Vdc Max, 70A Battery: 12Vdc/1450W, 24Vdc/2900W, 36Vdc/4350W, 48Vdc/5800W charging current 100A IP43
MPPT150 45 TR VE.CAN	Victron	150Vdc Max, 45A Battery: 12Vdc/650W, 24Vdc/1300W, 36Vdc/1950W, 48Vdc/2600W charging current 45A IP43
MPPT150 60 TR VE.CAN	Victron	150Vdc Max, 50A Battery: 12Vdc/860W, 24Vdc/1720W, 36Vdc/2580W, 48Vdc/3440W charging current 60A IP43
MPPT150 70 TR VE.CAN	Victron	150Vdc Max, 50A Battery: 12Vdc/1000W, 24Vdc/2000W, 36Vdc/3000W, 48Vdc/4000W charging current 70A IP43
MPPT250 60 TR VE.CAN	Victron	150Vdc Max, 50A Battery: 12Vdc/860W, 24Vdc/1720W, 36Vdc/2580W, 48Vdc/3440W charging current 60A IP43

R A Hill

For and on Behalf of
SAA Approvals Pty Ltd

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When using the IECM the requirements of all relevant parts of AS/NZS 4417 applicable to the article must be fulfilled.

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Issued: 02-09-20 180555/6



Certificate of Suitability

Addendum

Certificate No.: SAA180555

Date of Issue: 2 September 2020

Regulatory Definition: Non-Prescribed
Product Description: Solar Battery Charger

Additional Models	Trade Name	Rating/Marking
MPPT250 70 TR VE.CAN	Victron	150Vdc Max, 50A Battery: 12Vdc/1000W, 24Vdc/2000W, 36Vdc/3000W, 48Vdc/4000W charging current 70A IP43
MPPT150 70 MC4 VE.CAN	Victron	150Vdc Max, 50A Battery: 12Vdc/1000W, 24Vdc/2000W, 36Vdc/3000W, 48Vdc/4000W charging current 70A IP43
MPPT150 85 MC4 VE.CAN	Victron	250Vdc Max, 35A Battery: 12Vdc/1200W, 24Vdc/2400W, 36Vdc/3600W, 48Vdc/4900W charging current 85A IP43
MPPT 150 100 MC4 VE.CAN	Victron	150Vdc Max, 70A Battery: 12Vdc/1450W, 24Vdc/2900W, 36Vdc/4350W, 48Vdc/5800W charging current 100A IP43
MPPT250 70 MC4 VE.CAN	Victron	150Vdc Max, 50A Battery: 12Vdc/1000W, 24Vdc/2000W, 36Vdc/3000W, 48Vdc/4000W charging current 70A IP43

R A Hill

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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 standards listed above in accordance with the schemes herein.

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Issued: 18-09-20 180555/7a
Model Numbers corrected



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Addendum

Certificate No.: SAA180555

Date of Issue: 2 September 2020

Regulatory Definition: Non-Prescribed
Product Description: Solar Battery Charger

Additional Models	Trade Name	Rating/Marking
MPPT250 85 MC4 VE.CAN	Victron	250Vdc Max, 35A Battery: 12Vdc/1200W, 24Vdc/2400W, 36Vdc/3600W, 48Vdc/4900W charging current 85A IP43
MPPT250 100 MC4 VE.CAN	Victron	150Vdc Max, 70A Battery: 12Vdc/1450W, 24Vdc/2900W, 36Vdc/4350W, 48Vdc/5800W charging current 100A IP43

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SAA Approvals Pty Ltd

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Issued: 18-09-20 18/555/8a
Model Numbers corrected