



APPROVALS®

Certificate of Suitability

Certificate No.: SAA180555

Certificate Holder: Victron Energy B.V.
De Paal 35,
135IJG Almere Haven
Netherlands

Class Description: Non-Declared
Product Description: Solar Battery Charger (Built-in Component)
Brand Name: Victron
Model No.: SmartSolar MPPT150|45-TR
Markings: 150Vdc Max 45A
Battery: 12Vdc/650W, 24Vdc/1300W, 36Vdc/1950W,
48Vdc/2600W
Charging current: 45A
IP43

Standard: IEC 62109-1 Ed. 1.0
Conditions: All models approved under this Certificate must
comply with the Standard requirements of the
end product when installed

Certification Mark: SAA180555 or RCM

Date First Registered: 6 March 2018
Date of Expiry: 6 March 2023

For and on Behalf of
SAA Approvals Pty Ltd

SAA Approvals Pty Ltd as accredited by JAS-ANZ under ISO/IEC 17065 certifies in accordance with the SAA Approvals 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.

For SAA Contact Details and to verify this Certificate go to:
www.saaapprovals.com.au

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Addendum

Certificate No.: SAA180555

Date of Issue: 6 March 2018

Class Description: Non-Declared
Product Description: Solar Battery Charger (Built-in Component)

Additional Models	Description
SmartSolar MPPT150 45-MC4	Similar to SmartSolar MPPT150 45-TR except with MC4 connectors for PV connection in lieu of screw terminals.
SmartSolar MPPT150 60-TR	Similar to SmartSolar MPPT150 45-TR except rated: Battery: 12Vdc/860W, 24Vdc/1720W, 36Vdc/2580W, 48Vdc/3440W Charging current: 60A
SmartSolar MPPT150 60-MC4	Similar to SmartSolar MPPT150 60-TR except with MC4 connectors for PV connection in lieu of screw terminals.
SmartSolar MPPT150 70-TR	Similar to SmartSolar MPPT150 45-TR except rated: Battery: 12Vdc/1000W, 24Vdc/2000W, 36Vdc/3000W, 48Vdc/4000W Charging current: 70A
SmartSolar MPPT150 70-MC4	Similar to SmartSolar MPPT150 70-TR except with MC4 connectors for PV connection in lieu of screw terminals.
SmartSolar MPPT150 85-TR	Similar to SmartSolar MPPT150 45-TR except rated: Battery: 12Vdc/1200W, 24Vdc/2400W, 36Vdc/3600W, 48Vdc/4900W Charging current: 85A
SmartSolar MPPT150 85-MC4	Similar to SmartSolar MPPT150 85-TR except with MC4 connectors for PV connection in lieu of screw terminals.
SmartSolar MPPT150 100-TR	Similar to SmartSolar MPPT150 45-TR except rated: 150Vdc Max, 70A Battery: 12Vdc/1450W, 24Vdc/2900W, 36Vdc/4350W, 48Vdc/5800W Charging current: 100A
SmartSolar MPPT150 100-MC4	Similar to SmartSolar MPPT150 100-TR except with MC4 connectors for PV connection in lieu of screw terminals.

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Certificate of Suitability

Addendum

Certificate No.: SAA180555

Date of Issue: 6 March 2018

Class Description: Non-Declared
Product Description: Solar Battery Charger (Built-in Component)

Additional Models	Description
SmartSolar MPPT250 60-TR	Similar to SmartSolar MPPT150 45-TR except rated: 250Vdc Max, 35A Battery: 12Vdc/860W, 24Vdc/1720W, 36Vdc/2580W, 48Vdc/3440W Charging current: 60A
SmartSolar MPPT250 60-MC4	Similar to SmartSolar MPPT250 60-TR except with MC4 connectors for PV connection in lieu of screw terminals.
SmartSolar MPPT250 70-TR	Similar to SmartSolar MPPT150 45-TR except rated: 250Vdc Max, 35A Battery: 12Vdc/1000W, 24Vdc/2000W, 36Vdc/3000W, 48Vdc/4000W Charging current: 70A
SmartSolar MPPT250 70-MC4	Similar to SmartSolar MPPT250 70-TR except with MC4 connectors for PV connection in lieu of screw terminals.
SmartSolar MPPT250 85-TR	Similar to SmartSolar MPPT150 45-TR except rated: 250Vdc Max, 35A Battery: 12Vdc/1200W, 24Vdc/2400W, 36Vdc/3600W, 48Vdc/4900W Charging current: 85A
SmartSolar MPPT250 85-MC4	Similar to SmartSolar MPPT250 85-TR except with MC4 connectors for PV connection in lieu of screw terminals.
SmartSolar MPPT250 100-TR	Similar to SmartSolar MPPT150 45-TR except rated: 250Vdc Max, 35A Battery: 12Vdc/1450W, 24Vdc/2900W, 36Vdc/4350W, 48Vdc/5800W Charging current: 100A
SmartSolar MPPT250 100-MC4	Similar to SmartSolar MPPT250 100-TR except with MC4 connectors for PV connection in lieu of screw terminals.

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