

## IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT (IECEE) CB SCHEME

## CB TEST CERTIFICATE

Product

Solar battery charger

Name and address of the applicant

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

Name and address of the manufacturer

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

Name and address of the factory

See page 2

Note: When more than one factory, please report on page 2

 Additional Information on page 2

Ratings and principal characteristics

See attachment

Trademark / Brand (if any)

Victron Energy

Customer's Testing Facility (CTF) Stage used

Model / Type Ref.

SmartSolar MPPT150|85  
SmartSolar MPPT150|100  
SmartSolar MPPT250|85  
SmartSolar MPPT250|100  
SmartSolar MPPT250|85 Tr VE.CAN  
SmartSolar MPPT250|85 MC4 VE.CAN  
SmartSolar MPPT250|100 Tr VE.CAN  
SmartSolar MPPT250|100 MC4 VE.CAN  
SmartSolar MPPT150|85 Tr VE.CAN  
SmartSolar MPPT150|85 MC4 VE.CAN  
SmartSolar MPPT150|100 Tr VE.CAN  
SmartSolar MPPT150|100 MC4 VE.CAN

Additional information (if necessary may also be reported on page 2)

 Additional Information on page 2

A sample of the product was tested and found to be in conformity with

IEC 62109-1:2010

As shown in the Test Report Ref. No. which forms part of this Certificate

17PP261-03\_0

This CB Test Certificate is issued by the National Certification Body

Kiwa Primara GmbH  
Gewerbestraße 28, DE-87600 Kaufbeuren, Germany

Tanja Rottach

Digitally signed | see <http://ta.kiwa-deutschland.de> for more details -

Model/Type reference .....	<u>SmartSolar MPPT150 85</u>	<u>SmartSolar MPPT150 100</u>
Max. input voltage: .....	150Vdc	150Vdc
Battery voltage (autoselect) .....	12Vdc; 24Vdc; 48Vdc	12Vdc; 24Vdc; 48Vdc
Battery voltage (manual select) .....	36Vdc	36Vdc
Nominal PV Power 12Vdc.....	1200W	1450W
Nominal PV Power 24Vdc.....	2400W	2900W
Nominal PV Power 36Vdc.....	3600W	4350W
Nominal PV Power 48Vdc.....	4900W	5800W
Rated charge current: .....	85A	100A
Model/Type reference .....	<u>SmartSolar MPPT250 85</u>	<u>SmartSolar MPPT250 100</u>
Max. input voltage: .....	250Vdc	250Vdc
Battery voltage (autoselect) .....	12Vdc; 24Vdc; 48Vdc	12Vdc; 24Vdc; 48Vdc
Battery voltage (manual select) .....	36Vdc	36Vdc
Nominal PV Power 12Vdc.....	1200W	1450W
Nominal PV Power 24Vdc.....	2400W	2900W
Nominal PV Power 36Vdc.....	3600W	4350W
Nominal PV Power 48Vdc.....	4900W	5800W
Rated charge current: .....	85A	100A
Model/Type reference .....	<u>SmartSolar MPPT250 85 Tr</u> <u>VE.CAN</u>	<u>SmartSolar MPPT250 100 Tr</u> <u>VE.CAN</u>
	<u>SmartSolar MPPT250 85 MC4</u> <u>VE.CAN</u>	<u>SmartSolar MPPT250 100 MC4</u> <u>VE.CAN</u>
Max. input voltage: .....	250Vdc	250Vdc
Battery voltage (autoselect) .....	12Vdc; 24Vdc; 48Vdc	12Vdc; 24Vdc; 48Vdc
Battery voltage (manual select) .....	36Vdc	36Vdc
Nominal PV Power 12Vdc.....	1200W	1450W
Nominal PV Power 24Vdc.....	2400W	2900W
Nominal PV Power 36Vdc.....	3600W	4350W
Nominal PV Power 48Vdc.....	4900W	5800W
Rated charge current: .....	85A	100A
Model/Type reference .....	<u>SmartSolar MPPT150 85 Tr</u> <u>VE.CAN</u>	<u>SmartSolar MPPT150 100 Tr</u> <u>VE.CAN</u>
	<u>SmartSolar MPPT150 85 MC4</u> <u>VE.CAN</u>	<u>SmartSolar MPPT150 100 MC4</u> <u>VE.CAN</u>
Max. input voltage: .....	150Vdc	150Vdc
Battery voltage (autoselect) .....	12Vdc; 24Vdc; 48Vdc	12Vdc; 24Vdc; 48Vdc
Battery voltage (manual select) .....	36Vdc	36Vdc
Nominal PV Power 12Vdc.....	1200W	1450W
Nominal PV Power 24Vdc.....	2400W	2900W
Nominal PV Power 36Vdc.....	3600W	4350W
Nominal PV Power 48Vdc.....	4900W	5800W
Rated charge current: .....	85A	100A