

## 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|45  
SmartSolar MPPT150|60  
SmartSolar MPPT150|70  
SmartSolar MPPT250|60  
SmartSolar MPPT250|70  
SmartSolar MPPT250|60 Tr VE.CAN  
SmartSolar MPPT250|70 Tr VE.CAN  
SmartSolar MPPT250|70 MC4 VE.CAN  
SmartSolar MPPT150|45 Tr VE.CAN  
SmartSolar MPPT150|60 Tr VE.CAN  
SmartSolar MPPT150|70 Tr VE.CAN  
SmartSolar MPPT150|70 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

17PP261-04\_0

This CB Test Certificate is issued by the National Certification Body

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

Tanja Rottach

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

Model/Type reference .....	<u>SmartSolar MPPT150 45</u>	<u>SmartSolar MPPT150 60</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.....	650W	860W
Nominal PV Power 24Vdc.....	1300W	1720W
Nominal PV Power 36Vdc.....	1950W	2580W
Nominal PV Power 48Vdc.....	2600W	3440W
Rated charge current: .....	45A	60A

Model/Type reference .....	<u>SmartSolar MPPT150 70</u>
Max. input voltage: .....	150Vdc
Battery voltage (autoselect).....	12Vdc; 24Vdc; 48Vdc
Battery voltage (manual select).....	36Vdc
Nominal PV Power 12Vdc .....	1000W
Nominal PV Power 24Vdc .....	2000W
Nominal PV Power 36Vdc .....	3000W
Nominal PV Power 48Vdc .....	4000W
Rated charge current: .....	70A

Model/Type reference .....	<u>SmartSolar MPPT250 60</u>	<u>SmartSolar MPPT250 70</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.....	860W	1000W
Nominal PV Power 24Vdc.....	1720W	2000W
Nominal PV Power 36Vdc.....	2580W	3000W
Nominal PV Power 48Vdc.....	3440W	4000W
Rated charge current: .....	60A	70A

Model/Type reference .....	<u>SmartSolar MPPT250 60 Tr</u> <u>VE.CAN</u>	<u>SmartSolar MPPT250 70 Tr</u> <u>VE.CAN</u> <u>SmartSolar MPPT250 70 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.....	860W	1000W
Nominal PV Power 24Vdc.....	1720W	2000W
Nominal PV Power 36Vdc.....	2580W	3000W
Nominal PV Power 48Vdc.....	3440W	4000W
Rated charge current: .....	60A	70A

Model/Type reference .....	<u>SmartSolar MPPT150 45 Tr</u> <u>VE.CAN</u>	<u>SmartSolar MPPT150 60 Tr</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.....	650W	860W
Nominal PV Power 24Vdc.....	1300W	1720W
Nominal PV Power 36Vdc.....	1950W	2580W
Nominal PV Power 48Vdc.....	2600W	3440W
Rated charge current: .....	45A	60A

Model/Type reference .....	<u>SmartSolar MPPT150 70 Tr</u> <u>VE.CAN</u>
	<u>SmartSolar MPPT150 70 MC4</u> <u>VE.CAN</u>
Max. input voltage: .....	150Vdc
Battery voltage (autoselect) .....	12Vdc; 24Vdc; 48Vdc
Battery voltage (manual select) .....	36Vdc
Nominal PV Power 12Vdc .....	1000W
Nominal PV Power 24Vdc .....	2000W
Nominal PV Power 36Vdc .....	3000W
Nominal PV Power 48Vdc .....	4000W
Rated charge current: .....	70A