

# Declaration of Conformity



# DECLARATION

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

**Product type:** Solar battery charger

**Model:** 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

**Rating:** See page 2

A representative test sample of above stated model passed the tests according to:

**Standard:** IEC 62109-1:2010  
EN 62109-1:2010

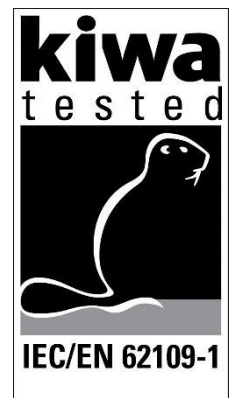
**Report no:** 17PP261-02

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## Technical Data

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