

DECLARATION

Declaration of Conformity



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

Product type: Solar battery charger

Model: 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

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

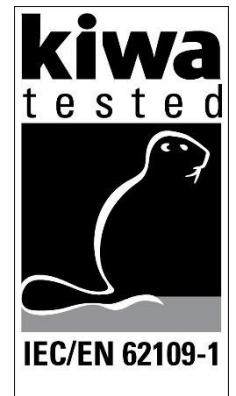
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Technical Data

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 85</u> <u>MC4 VE.CAN</u>	<u>SmartSolar MPPT250 100</u> <u>Tr VE.CAN</u> <u>SmartSolar MPPT250 100</u> <u>MC4 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 85</u> <u>MC4 VE.CAN</u>	<u>SmartSolar MPPT150 100</u> <u>Tr VE.CAN</u> <u>SmartSolar MPPT150 100</u> <u>MC4 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