

MPPT Calculator report

3 results



SmartSolar MPPT 150/100 MC4

Article number: SCC115110311

Connector: MC4

- Bluetooth

Max. input voltage:	150 V
Max. PV voltage @ min. temperature:	110.3 V
Min. input voltage @ MPP:	13 V
Min. PV voltage @ max. temperature:	58.4 V
Max. output current:	100 A
Max. current @ MPP min. temp.:	-338.6 A
Max. current @ MPP max. temp.:	100 A



SmartSolar MPPT 150/100 Tr

Article number: SCC115110211

Connector: Terminals

- Bluetooth

Max. input voltage:	150 V
Max. PV voltage @ min. temperature:	110.3 V
Min. input voltage @ MPP:	13 V
Min. PV voltage @ max. temperature:	58.4 V
Max. output current:	100 A
Max. current @ MPP min. temp.:	-338.6 A
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SmartSolar MPPT 150/100 Tr VE.Can

Article number: SCC115110410

Connector: Terminals

- Bluetooth

Max. input voltage:	150 V
Max. PV voltage @ min. temperature:	110.3 V
Min. input voltage @ MPP:	13 V
Min. PV voltage @ max. temperature:	58.4 V
Max. output current:	100 A
Max. current @ MPP min. temp.:	-338.6 A
Max. current @ MPP max. temp.:	100 A

Solar configuration

String 1	
Module	custom
Series	2
Parallel	3
Min temperature [°C]	-19
Max temperature [°C]	85
Battery float voltage [V]	1
System voltage [V]	12
Power [Wp]	455
Voc [V]	49.3
Isc [A]	11.66
Vmpp [V]	41.3
Impp [A]	11
V temp. coeff. [%/°C]	-0.27
I temp. coeff. [%/°C]	5

For additional information you can go to:

<https://mppt.victronenergy.com/#djE7Y3VzdG9tLDIsMywxc0xOSw4NSwxMiwxMSw1LDExLjY2LDQ1NSw0MS4zLC0wLjI3LDQ5LjMsMTAsNg==>