

## MPPT Calculator report

2 results



### SmartSolar MPPT 250/85 MC4

Article number: SCC125085310

Connector: MC4

- Bluetooth

**Max. input voltage:** 250 V  
 Max. PV voltage @ min. temperature: 208.7 V  
 Min. input voltage @ MPP: 49 V  
 Min. PV voltage @ max. temperature: 135.4 V

**Max. output current:** 85 A  
 Max. current @ MPP min. temp.: 85 A  
 Max. current @ MPP max. temp.: 77.3 A



### SmartSolar MPPT 250/60 Tr

Article number: SCC125060221

Connector: Terminals

- Bluetooth

**Max. input voltage:** 250 V  
 Max. PV voltage @ min. temperature: 208.7 V  
 Min. input voltage @ MPP: 49 V  
 Min. PV voltage @ max. temperature: 135.4 V

**Max. output current:** 60 A  
 Max. current @ MPP min. temp.: 60 A  
 Max. current @ MPP max. temp.: 60 A

## Solar configuration

String 1	
Module	custom
Series	5
Parallel	2
Min temperature [°C]	-10
Max temperature [°C]	70
Battery float voltage [V]	54
System voltage [V]	48
Power [Wp]	425
Voc [V]	38.25
Isc [A]	14.18
Vmpp [V]	32.03

Impp [A]	13.29
V temp. coeff. [%/°C]	-0.26
I temp. coeff. [%/°C]	0.048

For additional information you can go to:

<https://mppt.victronenergy.com#djl7ZXIKdVIXMWx.Jam9pVkc5MWJHOTFjMIVzSUVaeVIXNWpaU0lzSW14aGRDSTZORE11TmPBME5qVXIMQ0pzYm1jaU9qRXVORFEwTWpBNWZRPT07Y3VzdG9tLDUsMiw1NCwtMTAsNzAsNDgsMTMuMjksMC4wNDgsMTQuMTgsNDI1LDMYLjAzLC0wLjI2LDM4LjI1LDEwLDQ=>