

MPPT Calculator report

1 result



BlueSolar MPPT 150/35

Article number: SCC020035000

Connector: Terminals

Max. input voltage:	150 V
Max. PV voltage @ min. temperature:	135.9 V
Min. input voltage @ MPP:	49 V
Min. PV voltage @ max. temperature:	144.3 V
Max. output current:	35 A
Max. current @ MPP min. temp.:	35 A
Max. current @ MPP max. temp.:	35 A

Solar configuration

String 1	
Module	custom
Series	4
Parallel	3
Min temperature [°C]	-10
Max temperature [°C]	70
Battery float voltage [V]	51
System voltage [V]	48
Power [Wp]	420
Voc [V]	37.95
Isc [A]	14.01
Vmpp [V]	31.85
Impp [A]	13.03
V temp. coeff. [%/°C]	0.3
I temp. coeff. [%/°C]	0.045

For additional information you can go to:

<https://mppt.victronenergy.com/#dJM7ZXIKdVIXMWxJam9pVUdGc2RHbHVJRFUxTIRjd05Td2dVbTI0WVc1cFITSXNJbXhoZENJNk5EVXVOVFEExTXpjek1Td2liRzVuSWpveU5DNHIOReFzTURZMGZRPT07ZXIKbVpXRjBkWEpsY3lJNlcxMHNJblJsY20xcGJtRnNJanAwY25WbExDSmhiR3h2ZDA5MlpYSnphWHBsWkNjNmRlSjFaWDA9O2N1c3RvbSw0LDMsNTEsLTEwLDCwLDQ4LDEzLjAzLDAuMDQ1LDE0LjAxLDQyMCwzMS44NSwwLjMsMzcuOTUsMTAsNA==>