

MPPT Calculator report

Result



SmartSolar MPPT 150/85 Tr VE.Can

Article number: SCC115085411

Connector: Terminals

- Bluetooth

Max. input voltage:	150 V
Max. PV voltage @ min. temperature:	100.4 V
Min. input voltage @ MPP:	59 V
Min. PV voltage @ max. temperature:	60.7 V
Rated charge current:	85 A
Charge current @ MPP min. temp.:	85 A
Charge current @ MPP max. temp.:	85 A

Solar configuration

String 1	
Module	custom
Series	2
Parallel	5
Min temperature [°C]	-40
Max temperature [°C]	60
System voltage [V]	48
Power [Wp]	500
Voc [V]	43.2
Isc [A]	14.51
Vmpp [V]	36.6
Impp [A]	13.67
V temp. coeff. [%/°C]	-0.25
I temp. coeff. [%/°C]	0.05

For additional information you can go to:

<https://mppt.victronenergy.com#djY7U0NDMTE1MDg1NDExO2V5SnpIWE4wWlcwaU9qUTRMQ0ppWVhSMFpYSjVJ am8xTkqwPTtleUpzWVhRaU9qVXIMak0xTURjNE5Ea3NJbXh1WnlJNk5TNHI0alEzTURFMU9UazVPVGS1TmPjc0ltN WhiV1VpT2IKQmJHMWxjbVzSUU1bGRHaGxjbXhoYm1SekluMD07ZXIKbVpXRjBkWEpsY3JNId5SjJhV04wY205d VEyOXVibVZqZENKZExDsmpIMjV1WldOMGFxOXVjeUk2SW1GdWVTSXNJbUZzYkc5M1QzWmxjBk5wZW1Wa0lqc G1ZV3h6WlGwPTtXM3NpYVdRaU9qSTVNREI6TkRVc0ltMXZaSFZzWINJNmV5SmpaV3hzVkhSD1pTSTZJbTF2Ym0 4aUxDnSBUWEJ3SWpveE15NDJOeXdpYVZSbGJYQkRiMIZtWmlJNk1DNHdOU3dpYVdRaU9tNTFiR3dzSW1sell5S TZNvFF1TIRFc0lteGhZbVzZzSWpvaVEzVnpkRzI0SUcxdIpVnNaU0lzSW0xaGJuVm1ZV04wZFhKbGNpSTZJaUlzSW 05dVZHOXdJanBtWVd4elpTd2lJRzkzWlhJaU9qVXdNQ3dpY0haRGJHOTFaRWxrSWpvaU1qUTJNakUySWI3aWRib HdaU0k2SW1OMWmZUnZiU0lzSW5aTmNIQWIPak0yTGpZc0luWlVaVzF3UTI5bFptWWIPaTB3TGpJMUxDSjJiMk1p T2pRekkqSXNJbUZ5ZEsdamJHVk9kVzFpWlhJaU9tNTFiR3g5TENKelpYSnBaWE1pT2pJc0luQmhjbUZzYkdWc0lqbz FMQ0p0YVc1VpXMXdaWEpoZEhWeVpTSTZMVFf3TENKdFIYafVaVzF3WlhKaGRIVnlaU0k2TmPbc0ltTmhZbXhs VEdWdVozUm9Jam94TWI3aVkyRmliR1ZEY205emMxTmxZM1JwYjI0aU9qWjIYUT09>