

Project

Country	Hungary
Project name	2016-10-13_1030
Annual power consumption	5,000 kWh
Usage pattern	Working

PV Module

Manufacturer	Canadian Solar Inc.
Type	CS6P-250P
Min. / Max. module temperature	-10°C / 70°C

Fronius system solution

Inverter type	Symo 5.0-3-M
Min. / Max. power ratio	80% / 120%

Summary

Power ratio	98%
Pmpp STC	5.00 kWp
MPPT A	1x10
MPPT B	1x10

MPPT A Details

Wiring (str. x mod.)	1 x 10
Isc STC	8.87 A
Umpp at 70°C	244.08 V
Uoc at -10°C	416.27 V
Umpp at STC	301.00 V
Pmpp at STC	2.50 kWp

MPPT B Details

Wiring (str. x mod.)	1 x 10
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SHIFTING THE LIMITS

Isc STC	8.87 A
U _{mp} at 70°C	244.08 V
U _{oc} at -10°C	416.27 V
U _{mp} at STC	301.00 V
P _{mp} at STC	2.50 kWp