

Project:

Kőszeg Óvoda

2017. november 22. 13:00

Location:

Szombathely, Hungary

System data:

Installed power: 6,24 kWp

Max achieved DC power: 6,24 kW

Inverter active power: 5,00 kW

Maximum apparent power: 5,00 kVA

PV Array # 1: PV Array # 1

Tilt	Azimuth	Mounting
13°	165°	Co-planar with roof
Winaico, Winaico WST-260P6, 260,00 W		

Inverter design

Inverter 1: SE5k

String 1: PV Array # 1: 24 x P300

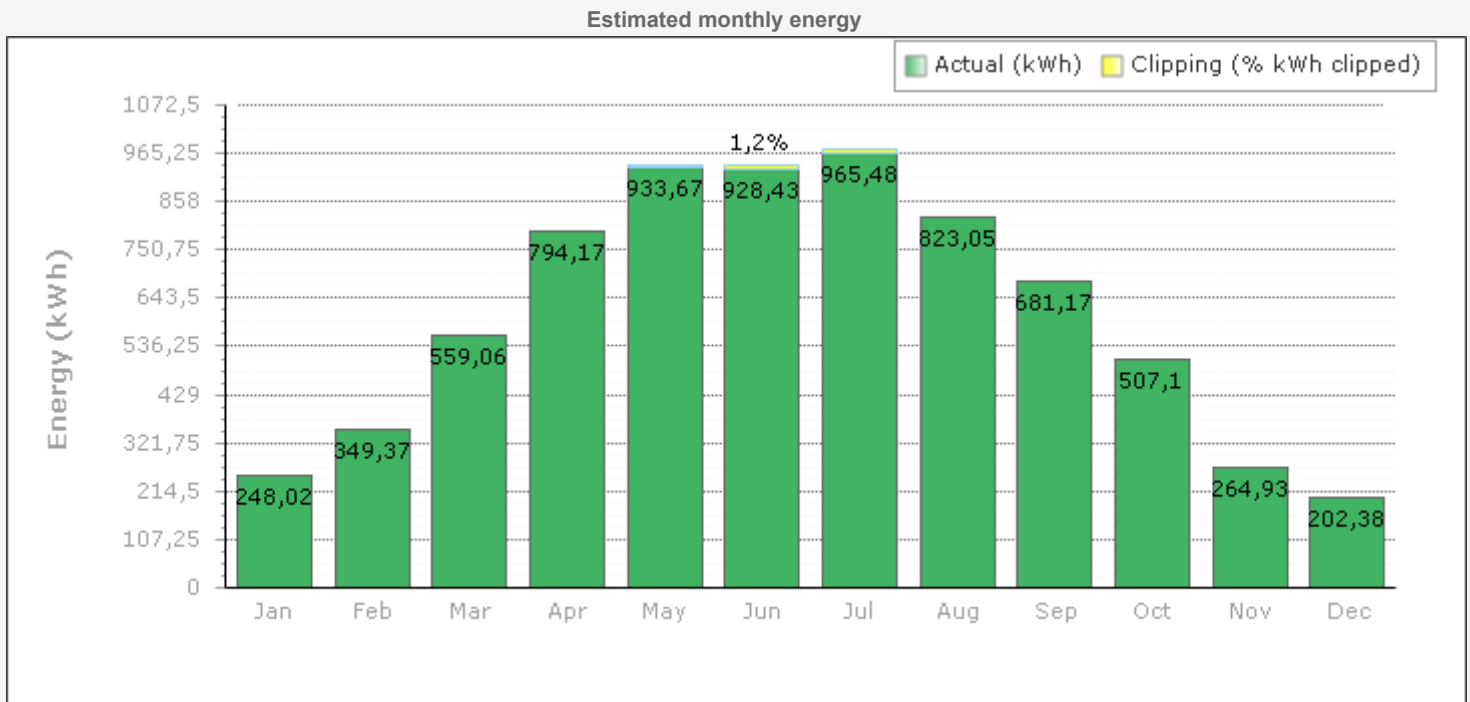
Power optimizer extreme operating conditions

P300

	Calculated	Limit	
Max input power	260 W	300 W	✓
Min input voltage	31 V	8 V	✓
Max input voltage	44 V	48 V	✓
Max input current	9 A	10 A	✓
Max output current	8 A	15 A	✓

* Calculated values are the absolute min/max of all arrays using this power optimizer configuration.

Energy estimation



Estimated yearly energy: 7,229 MWh

Clipped energy: 0,39%

Energy yields are an approximation; they are not guaranteed by SolarEdge.

Bill of Materials

Inverters: SE5k, quantity: 1
Optimizers: P300-5RM4MFS, quantity: 24