

**Project:**

Pári, óvoda és rendelő

2017. szeptember 5. 12:04

**Location:**

Pári, Hungary

**System data:**

Installed power: 2,48 kWp

Max achieved DC power: 2,44 kW

Inverter active power: 3,00 kW

Maximum apparent power: 3,00 kVA

**PV Array # 1: PV Array # 1**

| Tilt                          | Azimuth | Mounting            |
|-------------------------------|---------|---------------------|
| 40°                           | 195°    | Co-planar with roof |
| Winaico, 275 WST P6, 275,00 W |         |                     |

**Inverter design**

Inverter 1: SE3000H

String 1: PV Array # 1: 9 x P300

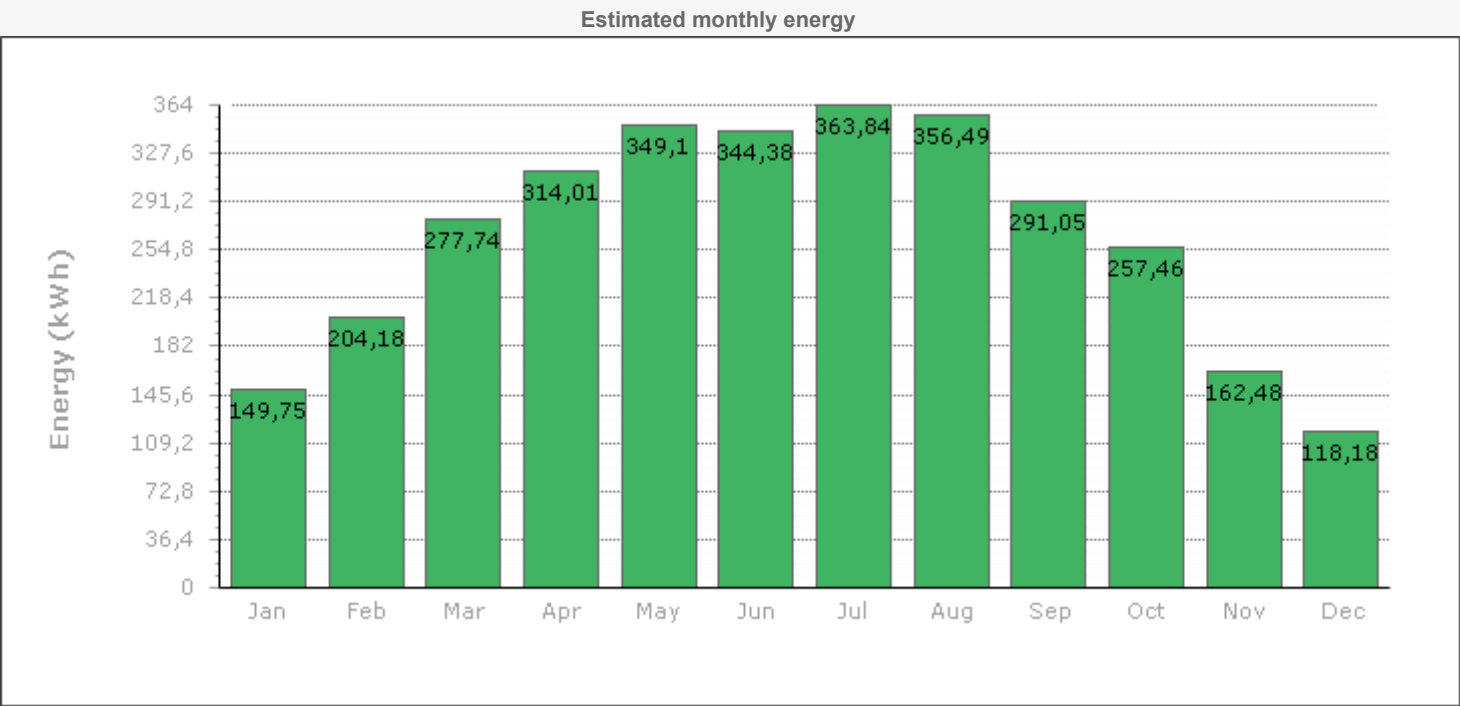
**Power optimizer extreme operating conditions**

P300

|                    | Calculated | Limit |   |
|--------------------|------------|-------|---|
| Max input power    | 275 W      | 300 W | ✓ |
| Min input voltage  | 32 V       | 8 V   | ✓ |
| Max input voltage  | 44 V       | 48 V  | ✓ |
| Max input current  | 10 A       | 10 A  | ✓ |
| Max output current | 6 A        | 15 A  | ✓ |

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

Energy estimation



Estimated yearly energy: 3,189 MWh

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

Bill of Materials

|             |                           |
|-------------|---------------------------|
| Inverters:  | SE3000H, quantity: 1      |
| Optimizers: | P300-5RM4MRS, quantity: 9 |