Project:

New Project

den 14 maj 2022 09:33

Location:

Gothenburg, Sweden

System data:

Installed power: 23,33 kWp

Max achieved DC power: 20,72 kW

Inverter active power: 34,00 kW

Maximum apparent power: 34,00 kVA

PV Array # 1: Söder

Tilt	Azimuth	Mounting
40°	180°	Co-planar with roof

Heckert Solar, NeMo 60 M 2.0 285 Wp, 285,00 W

PV Array # 2: Öster

Tilt	Azimuth	Mounting
27°	90°	Co-planar with roof

Axitec, AC 355M/156-72S, 355,00 W

PV Array # 3: Väster

Tilt	Azimuth	Mounting
27°	270°	Co-planar with roof

Axitec, AC 355M/156-72S, 355,00 W

Inverter design

Inverter 1: SE17k

Strings 1-2: Söder: 21 x P370

Inverter 2: SE17k

String 1: Öster: 16 x P370

String 2: Väster: 16 x P370

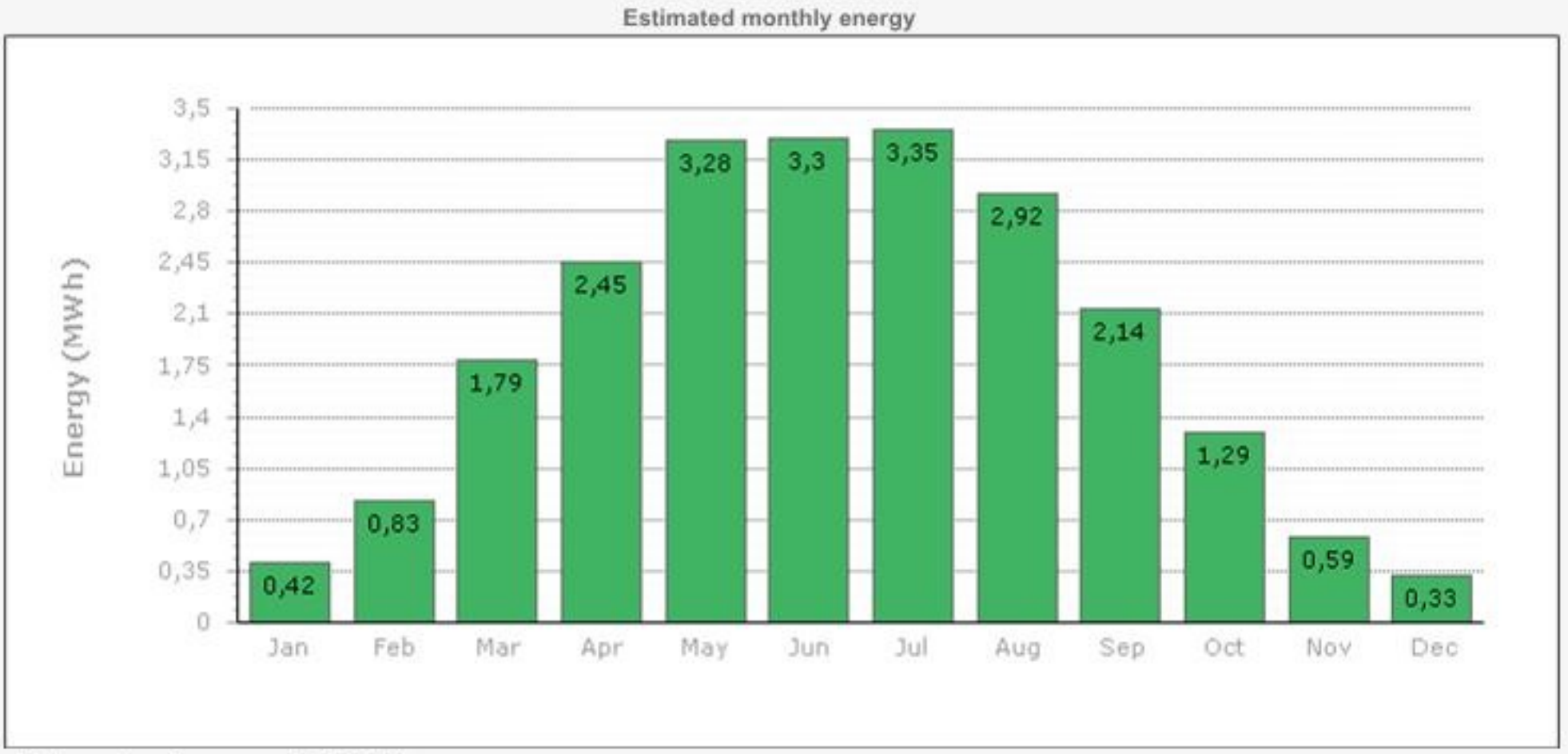
Power optimizer extreme operating conditions

P370

	Calculated	Limit	
Max input power	285 W	370 W	✓
Min input voltage	33 V	8 V	✓
Max input voltage	45 V	60 V	✓
Max input current	10 A	11 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: 22,696 MWh

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

Bill of Materials

Inverters:	SE17k, quantity: 2
Optimizers:	P370-5RM4MRM, quantity: 74