

**Project:**

New Project  
den 20 april 2023 14:11

**Location:**

Malmö, Sweden

**System data:**

Installed power: 20,52 kWp  
 Max achieved DC power: 16,92 kW  
 Inverter active power: 25,00 kW  
 Maximum apparent power: 25,00 kVA

**PV Array # 1: öster**

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

Heckert Solar, NeMo 2.0 120M 380 Wp, 380,00 W

**PV Array # 2: väster**

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

Heckert Solar, NeMo 2.0 120M 380 Wp, 380,00 W

**Inverter design**

Inverter 1: SE25k

String 1: öster: 27 x P505  
 String 2: väster: 27 x P505

**Power optimizer extreme operating conditions**

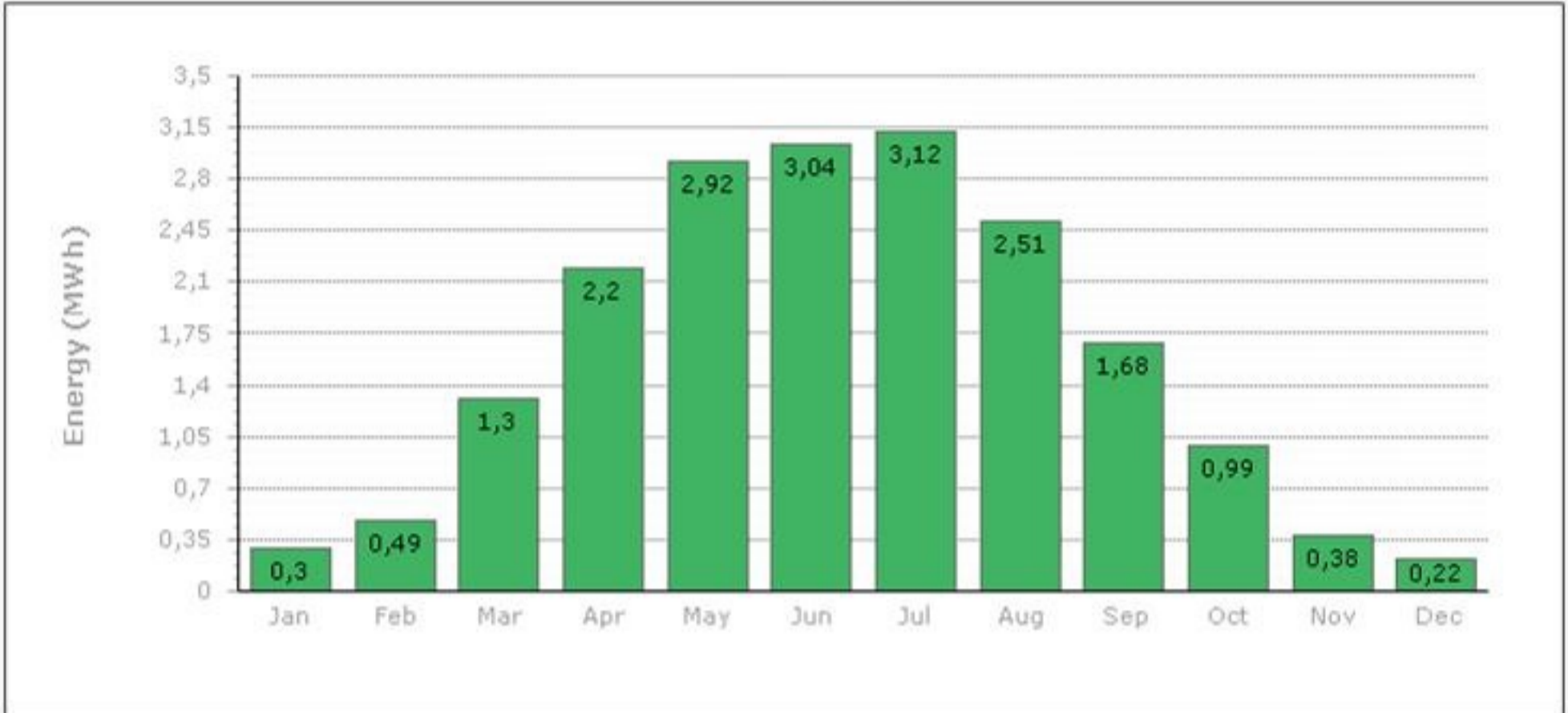
P505

	Calculated	Limit	
Max input power	380 W	505 W	✓
Min input voltage	37 V	13 V	✓
Max input voltage	46 V	83 V	✓
Max input current	12 A	14 A	✓
Max output current	13 A	15 A	✓

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

## Energy estimation

Estimated monthly energy



Estimated yearly energy: 19,131 MWh

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

## Bill of Materials

Inverters: SE25k, quantity: 1  
 Optimizers: P505-5RM4MBM, quantity: 54