



Project:

180514-ALL-SOLARPANELS TEST
maandag 14 mei 2018 10:44
180514-ALL-SOLARPANELS TEST

Location:

The Hague, Netherlands

System data:

Installed power: 3,70 kWp
Max achieved DC power: 3,64 kW
Inverter active power: 3,50 kW
Maximum apparent power: 3,50 kVA

PV Array # 1: PV Array # 1

Tilt	Azimuth	Mounting
38°	180°	Co-planar with roof
LG Solar, LG370Q1C-A5, 370,00 W		

Inverter design

Inverter 1: SE3500H

String 1: PV Array # 1: 10 x P505

Power optimizer extreme operating conditions

P505

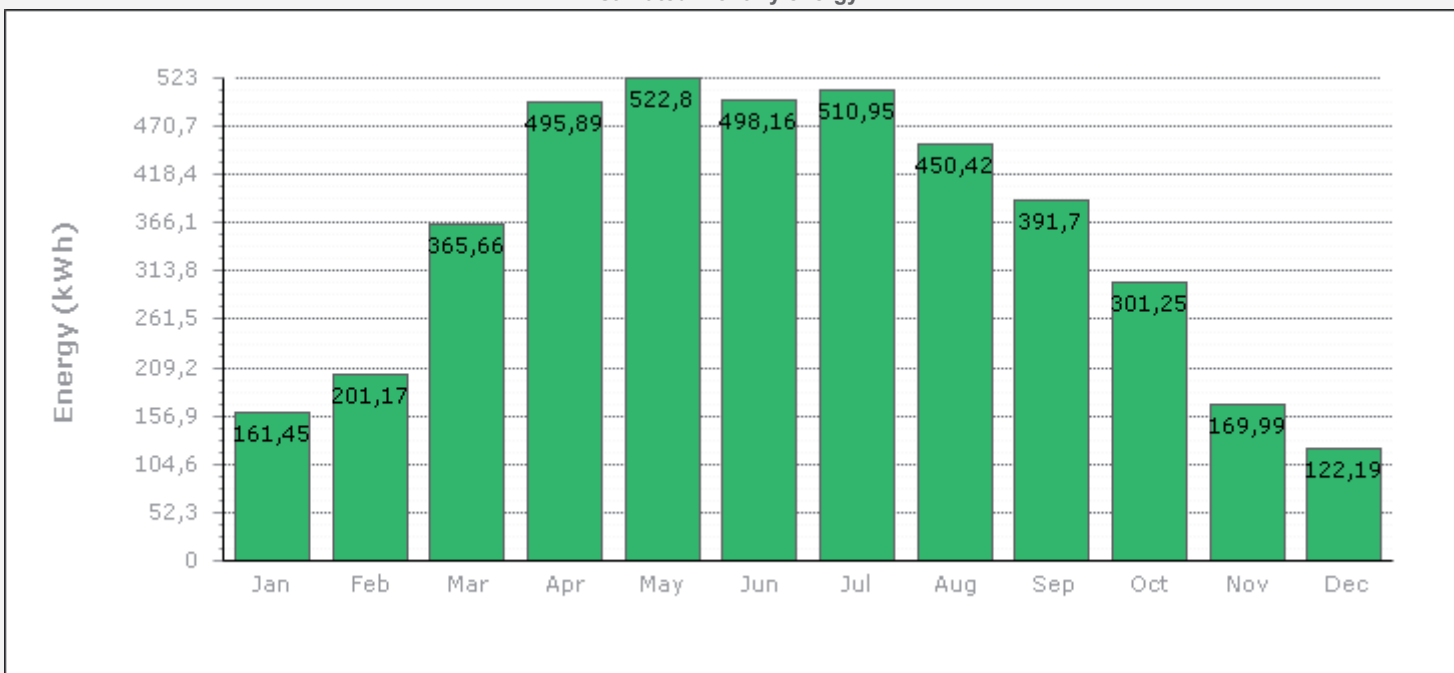
	Calculated	Limit	
Max input power	370 W	505 W	✓
Min input voltage	38 V	13 V	✓
Max input voltage	46 V	83 V	✓
Max input current	11 A	14 A	✓
Max output current	10 A	15 A	✓

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



Energy estimation

Estimated monthly energy



Estimated yearly energy: 4,192 MWh

JAAR PRODUCTIE: 4192/3700=113,3% (Op Geïnstalleerd Vermogen)

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

Bill of Materials

Inverters: SE3500H, quantity: 1

Optimizers: P505-5RM4MBM, quantity: 10