Email: p.harding@utilitytrade.com

Project:

International Hall

08 August 2018 15:47

Location:

London, United Kingdom

System data:

Installed power: 42.66 kWp

Max achieved DC power: 41.17 kW

Inverter active power: 50.00 kW

Maximum apparent power: 50.00 kVA

PV Array # 1: PV Array # 1

Tilt	Azimuth	Mounting
10°	165°	Co-planar with roof

BYD, 270P6C-30, 270.00 W

Inverter design

Inverter 1: SE25k

Strings 1-2: PV Array # 1: 20 x P600 (1 parallel / 2 series)

Inverter 2: SE25k

String 1: PV Array # 1: 20 x P600 (1 parallel / 2 series)

String 2: PV Array # 1: 19 x P600 (1 parallel / 2 series)

Power optimizer extreme operating conditions

P600 (1 parallel / 2 series)

	Calculated	Limit	
Max input power	540 W	600 W	✓
Min input voltage	65 V	12 V	✓
Max input voltage	88 V	96 V	✓
Max input current	9 A	10 A	✓
Max output current	14 A	15 A	✓

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

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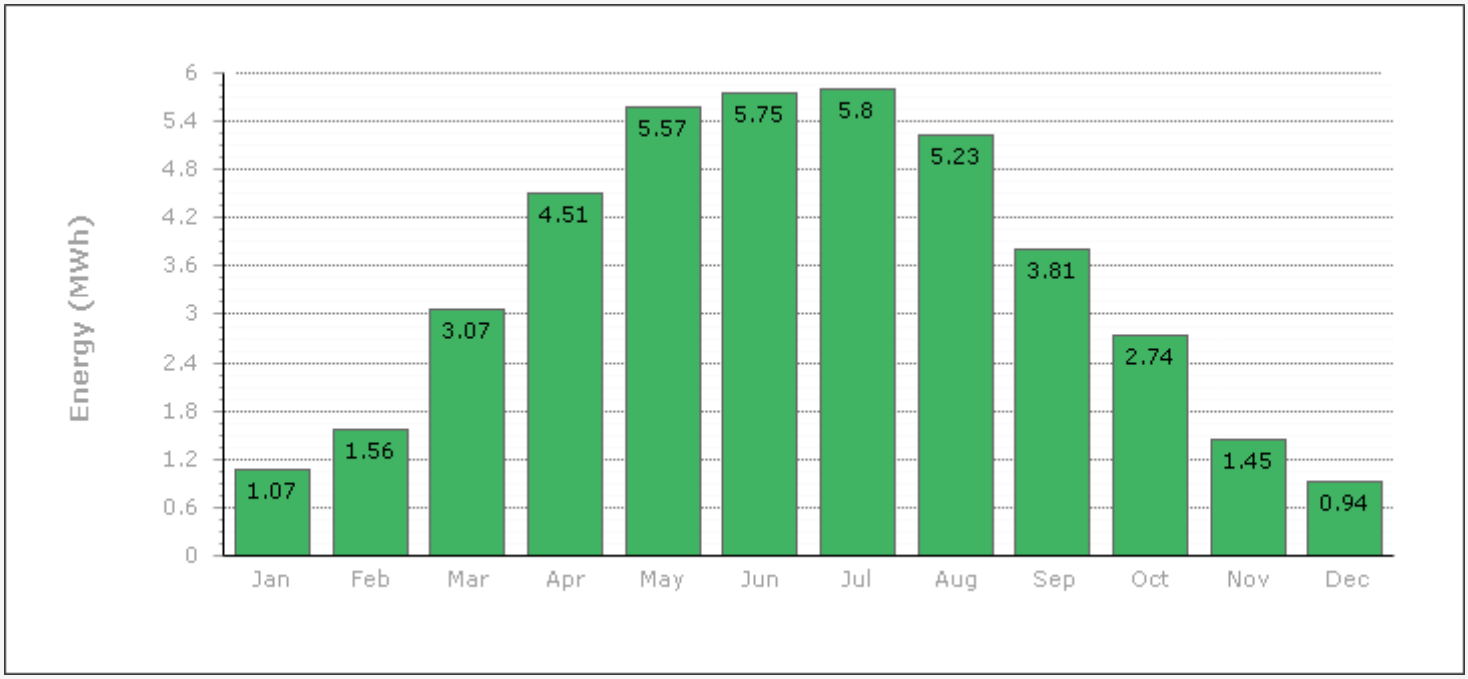
Energy estimation

Estimated monthly energy



Estimated yearly energy: 41.511 MWh

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

Bill of Materials

Inverters:	SE25k, quantity: 2
Optimizers:	P600-5RM4MRL, quantity: 79