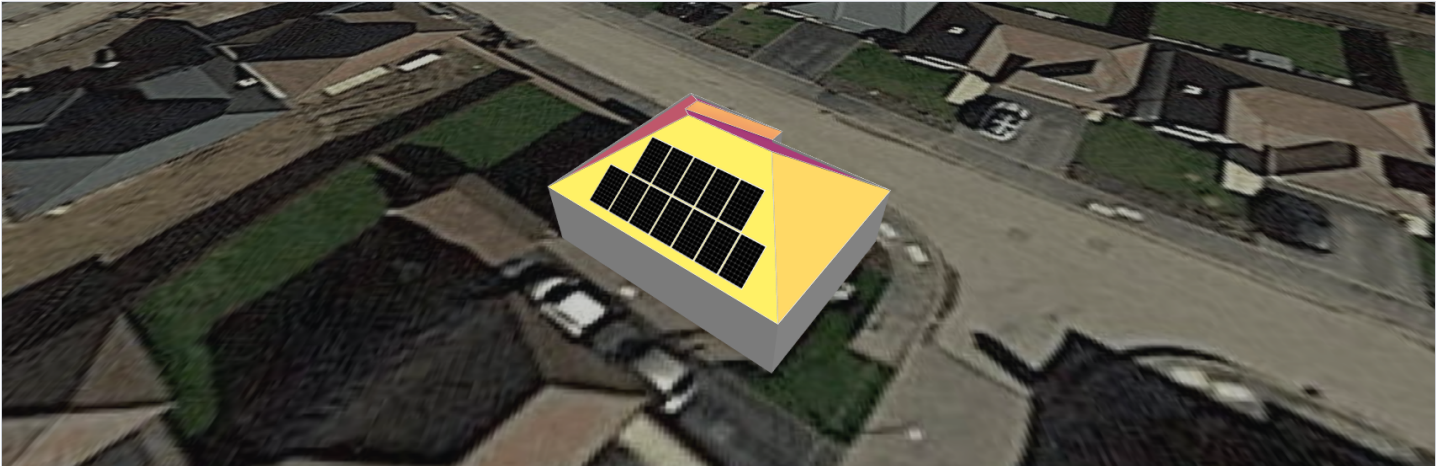


HASSAN MAJID (400W)

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SYSTEM OVERVIEW



12 PV modules



1 Inverters



12 Optimizers



1 Batteries

SIMULATION RESULTS



Installed DC Power

4.80 kWp



Max Achieved AC Power

4.00 kW



Annual Energy Production

4.74 MWh



CO2 Emission Saved

1.33 t



Equivalent Trees Planted

61

SYSTEM PRODUCTION

Total Production - 100 %

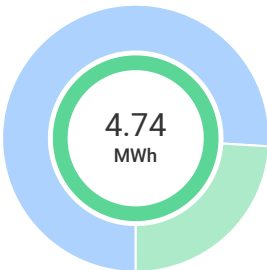
4.74 MWh

Self-consumption - 76 %

3.60 MWh

Export - 24 %

1.14 MWh



CONSUMPTION

Total Consumption - 100 %

7.50 MWh

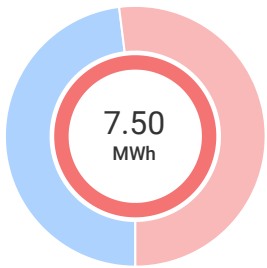
Self-consumption - 48 %

3.60 MWh

1.81 MWh from batteries (50%)

Import - 52 %

3.90 MWh

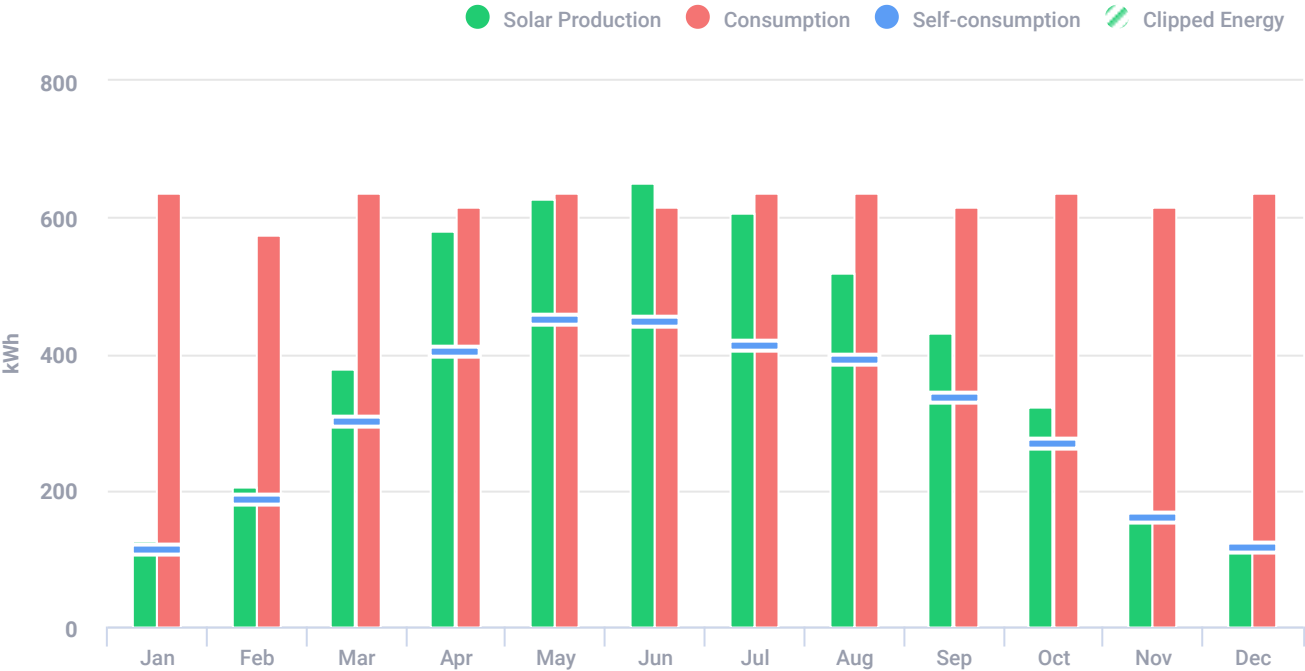


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ESTIMATED MONTHLY ENERGY



Total clipped energy: 0.02%

PV MODULES

# Module	Model	Peak power	Racking type	Orientation	Azimuth	Tilt
12	SunPower, SPR-MAX3-400	4.8 kWp			218°	35°
Total:	12	4.8 kWp				