

## Production Forecast

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PV Generator Output	51.24 kWp
Spec. Annual Yield	1,013.68 kWh/kWp
Performance Ratio (PR)	94.81 %
Yield Reduction due to Shading	0.0 %
PV Generator Energy (AC grid)	51,963 kWh/Year
Own Consumption	804 kWh/Year
Down-regulation at Feed-in Point	0 kWh/Year
Grid Export	51,160 kWh/Year
Own Power Consumption	1.5 %
CO <sub>2</sub> Emissions avoided	19,478 kg / year
Level of Self-sufficiency	78.6 %

## PV System

### 3D, Grid-connected PV System with Electrical Appliances

Climate Data	Marlow, GBR (1996 - 2015)
Values source	Meteonorm 8.1(i)
PV Generator Output	51.24 kWp
PV Generator Surface	217.0 m <sup>2</sup>
Number of PV Modules	84
Number of Inverters	1

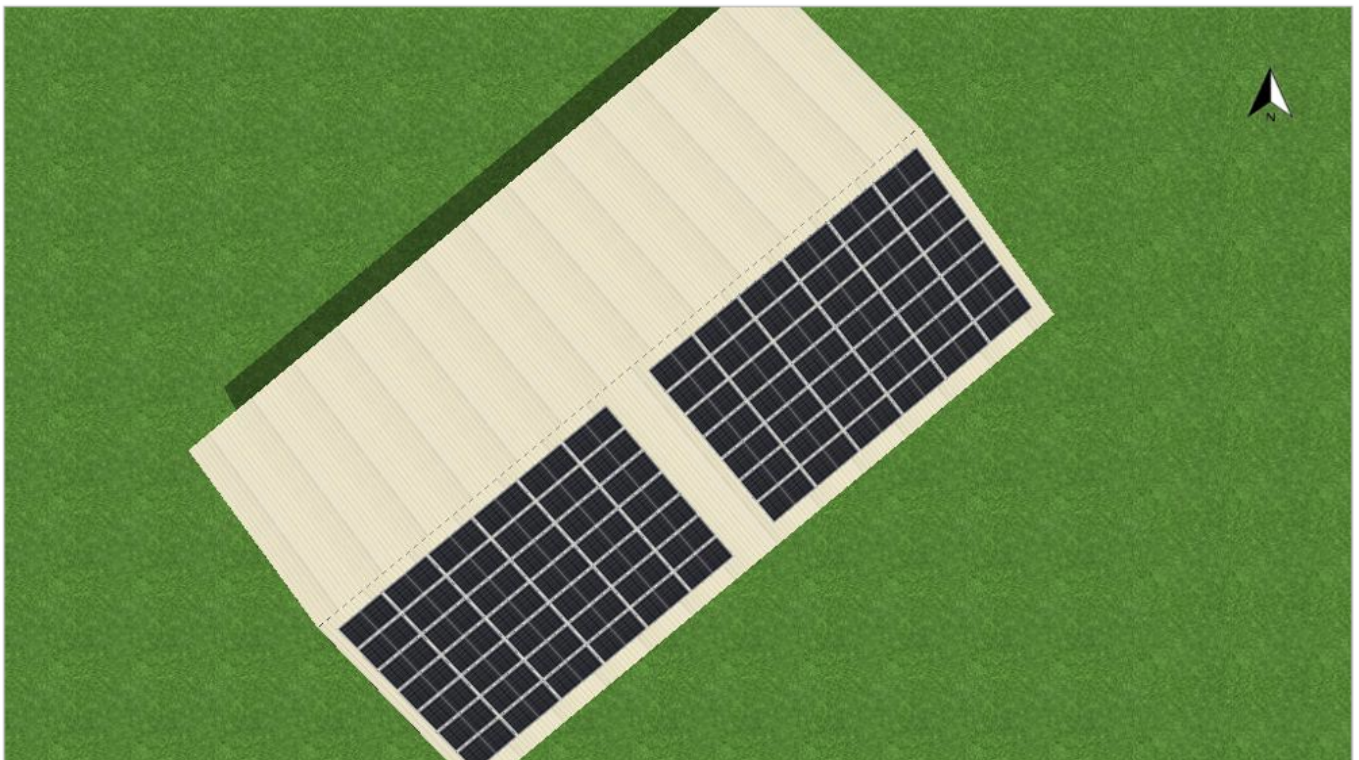


Figure: Overview Image, 3D Design