

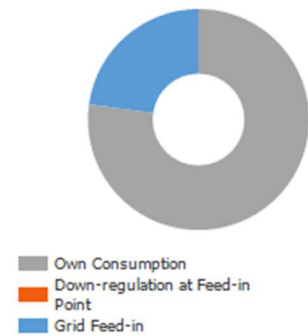
# Simulation Results

## Results Total System

### PV System

PV Generator Output	171.3 kWp
Spec. Annual Yield	941.48 kWh/kWp
Performance Ratio (PR)	87.5 %
Yield Reduction due to Shading	1.3 %/Year
PV Generator Energy (AC grid)	161,292 kWh/Year
Own Consumption	124,523 kWh/Year
Down-regulation at Feed-in Point	0 kWh/Year
Grid Feed-in	36,768 kWh/Year
Own Power Consumption	77.2 %
CO <sub>2</sub> Emissions avoided	96,751 kg / year

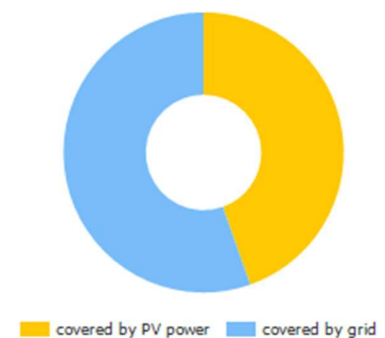
PV Generator Energy (AC grid)



### Appliances

Appliances	279,226 kWh/Year
Standby Consumption (Inverter)	40 kWh/Year
Total Consumption	279,266 kWh/Year
covered by PV power	124,523 kWh/Year
covered by grid	154,743 kWh/Year
Solar Fraction	44.6 %

Total Consumption



### Level of Self-sufficiency

Total Consumption	279,266 kWh/Year
covered by grid	154,743 kWh/Year
Level of Self-sufficiency	44.6 %