

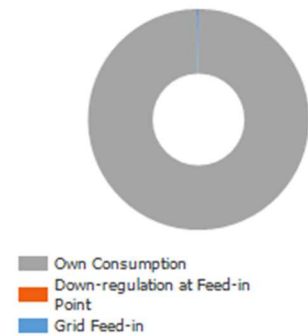
# Simulation Results

## Results Total System

### PV System

PV Generator Output	92.8 kWp
Spec. Annual Yield	940.22 kWh/kWp
Performance Ratio (PR)	89.4 %
Yield Reduction due to Shading	0.2 %/Year
PV Generator Energy (AC grid)	87,246 kWh/Year
Own Consumption	87,021 kWh/Year
Down-regulation at Feed-in Point	0 kWh/Year
Grid Feed-in	225 kWh/Year
Own Power Consumption	99.7 %
CO <sub>2</sub> Emissions avoided	52,343 kg / year

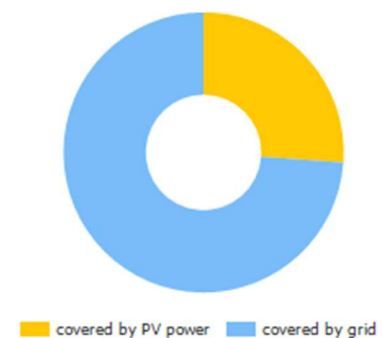
PV Generator Energy (AC grid)



### Appliances

Appliances	332,949 kWh/Year
Standby Consumption (Inverter)	8 kWh/Year
Total Consumption	332,957 kWh/Year
covered by PV power	87,021 kWh/Year
covered by grid	245,936 kWh/Year
Solar Fraction	26.1 %

Total Consumption



### Level of Self-sufficiency

Total Consumption	332,957 kWh/Year
covered by grid	245,936 kWh/Year
Level of Self-sufficiency	26.1 %