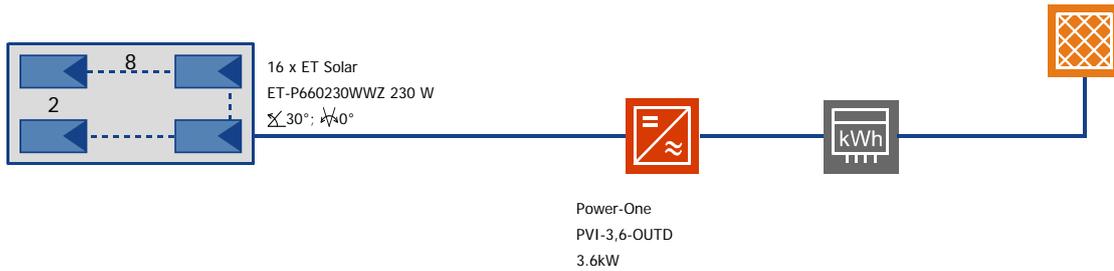


Project Name: Solar System Design  
 Variant Reference: System Variant

19/03/2012



Location: SAINT MAWGAN RAF  
 Climate Data Record: SAINT MAWGAN RAF  
 (1981-2000)  
 PV Output: 3.68 kWp  
 Gross/Active PV Surface Area: 26.03 / 26.15 m<sup>2</sup>

PV Array Irradiation: 31,536 kWh  
 Energy Produced by PV Array (AC): 3,479.2 kWh  
 Grid Feed-in: 3,479.2 kWh

System Efficiency: 11.0 %  
 Performance Ratio: 78.1 %  
 Inverter Efficiency: 93.9 %  
 PV Array Efficiency: 11.7 %  
 Specific Annual Yield: 941.3 kWh/kWp  
 CO2 Emissions Avoided: 3,069 kg/a

The results are determined by a mathematical model calculation. The actual yields of the photovoltaic system can deviate from these values due to fluctuations in the weather, the efficiency of modules and inverters, and other factors. The System Diagram above does not represent and cannot replace a full technical drawing of the solar system.