

Location: 38°54'46" North, 0°7'1" West, Elevation: 18 m a.s.l,  
 Nearest city: Oliva, Spain (0 km away)

Nominal power of the PV system: 68.0 kW (crystalline silicon)  
 Inclination of modules: 30.0°  
 Orientation (azimuth) of modules: -25.0°  
 Estimated losses due to temperature: 9.4% (using local ambient temperature data)  
 Estimated loss due to angular reflectance effects: 2.7%  
 Other losses (cables, inverter etc.): 14.0%  
 Combined PV system losses: 26.1%

<b>PV electricity generation for:</b>		
<b>Nominal power=68.0 kW,</b>		
<b>System losses=14.0%</b>		
<b>Inclin.=30 deg., Orient.=-25 deg.</b>		
<b>Month</b>	<b>Production per month (kWh)</b>	<b>Production per day (kWh)</b>
Jan	5542	179
Feb	6002	214
Mar	8067	260
Apr	8525	284
May	9655	311
Jun	9689	323
Jul	10058	324
Aug	9647	311
Sep	8481	283
Oct	7423	239
Nov	5308	177
Dec	4962	160
<b>Yearly average</b>	<b>7780</b>	<b>256</b>
<b>Total yearly production (kWh)</b>	<b>93359</b>	

**Ratio Kwh/Kwp = 93.359/68= 1.373**