

Grid system presizing

Geographical Site

Land Mark 81

Country **Vietnam**

Situation

Time defined as

Latitude 10.80° N
 Legal Time Time zone UT+7

Longitude 106.72° E
 Altitude 0 m

Collector Plane Orientation

Tilt 30°

Azimuth 0°

PV-field installation main features

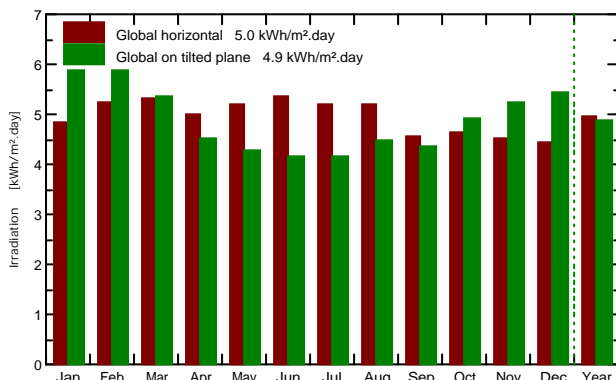
Module type Standard
 Technology Polycrystalline cells
 Mounting method Facade or tilt roof
 Back ventilation properties Ventilated

System characteristics and pre-sizing evaluation

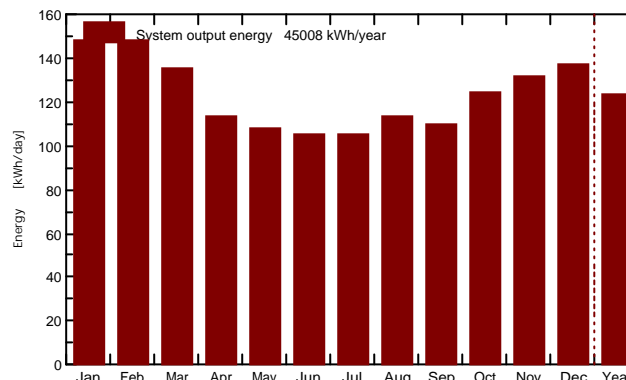
PV-field nominal power (STC) P_{nom} 30.0 kWp
 Collector area A_{coll} 200 m²
 Annual energy yield E_{year} 45.0 MWh
 Economic gross evaluation Investment 94947 EUR

Specific yield 1500 kWh/kWp
 Energy price 0.14 EUR/kWh

Meteo and incident energy



System output



	Gl. horiz. kWh/m².day	Coll. Plane kWh/m².day	System output kWh/day	System output kWh
Jan.	4.83	5.87	148.0	4587
Feb.	5.26	5.89	148.4	4156
Mar.	5.31	5.37	135.4	4197
Apr.	5.01	4.52	113.9	3416
May	5.22	4.30	108.3	3358
June	5.37	4.16	104.9	3148
July	5.22	4.17	105.2	3262
Aug.	5.23	4.49	113.3	3513
Sep.	4.56	4.36	109.8	3295
Oct.	4.65	4.94	124.6	3862
Nov.	4.53	5.23	131.9	3957
Dec.	4.45	5.45	137.3	4257
Year	4.97	4.89	123.3	45008