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3. Save with the same name

Project no.

Print date

16.01.2024

Project Name

Project data

Description

Street

Zip code / City

Tel.

Client

Name

Street

Zip code / City

Tel.

Commissioning / Grid-feed electricity mete

Installation date 20.12.2022

Grid-feed electricity meter Reg. no.:

Meter position at handover: kWh

Site

Wrocław

Latitude: 51,01°

Longitude: 16,15°

Altitude: 120m Height above sea

Meteorological data

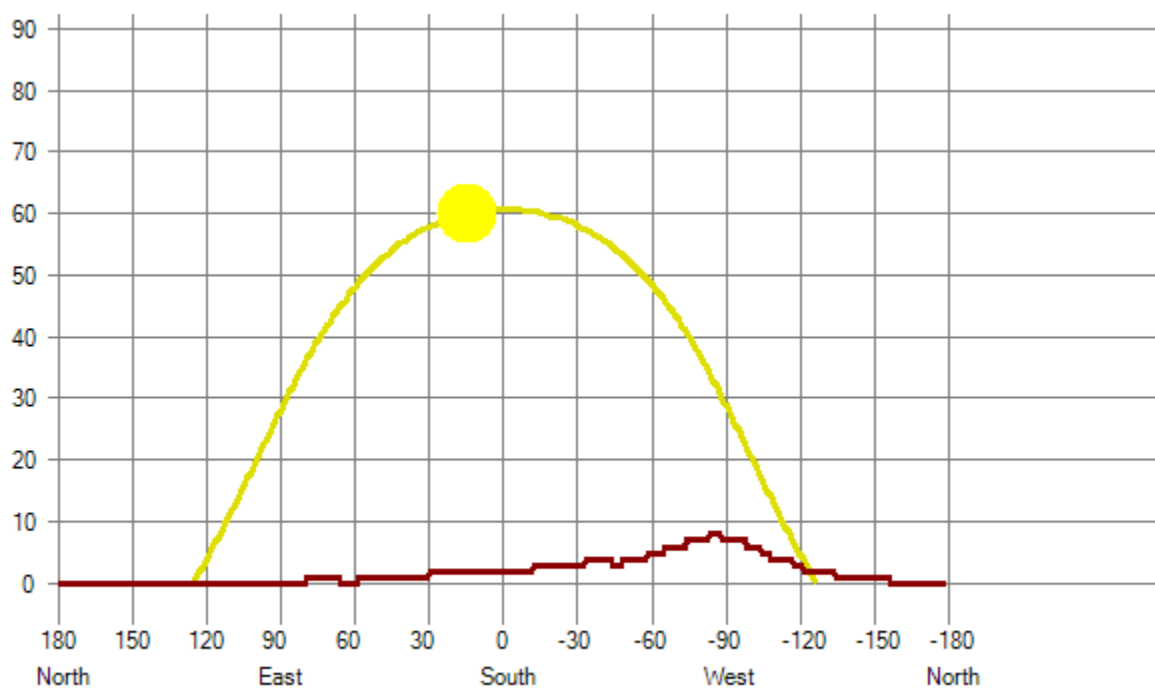
Global radiance

1 074 kWh/m²

Diffuse irradiance

561 kWh/m²

Horizon line and path of the sun



Date 30.05.2012

Time 12:21 Uhr

Field 1**Total nominal power (kWp): 5,22 kWp****Number of modules: 12 Pieces****PV module:****TSM-DE09R.08 435 W****Panels 1**

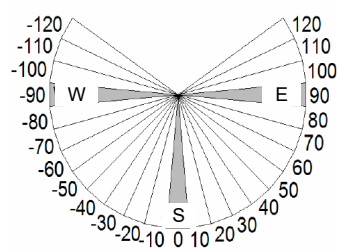
Total gross area	23,98 m ²
Total nominal power (kWp)	5,22 kWp
Number of modules	12 Pieces
Energy production DC	5 377 kWh
Energy production AC	5 282 kWh
Performance ratio	84 %
Specific energy production	1 011,83 kWh/kWp/a
Annual energy saving (max. value)	5 282 kWh
Max. annual reduction in CO2 emissions	2 833 kg

System overview

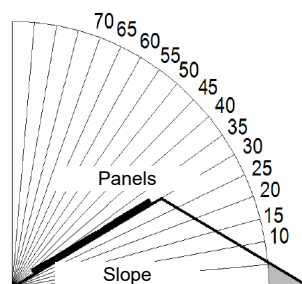
PV module	TSM-DE09R.08	mono
Manufacturer	Trina solar	
Total nominal power (W)	435 W	
Total nominal power (kWp)	5,22 kWp	

Inverter	StecaGrid 4200x
Manufacturer	Steca Elektronik GmbH
Reactive power specifications (Cos phi)	1
Number of inverters	1
Max. power inverter DC	5200 W
Nominal power AC	4200 W
Max. voltage inverter DC	845 V
Max. current inverter DC	12 A
Min. voltage inverter AC	185 V
Max. voltage inverter AC	276 V

Orientation

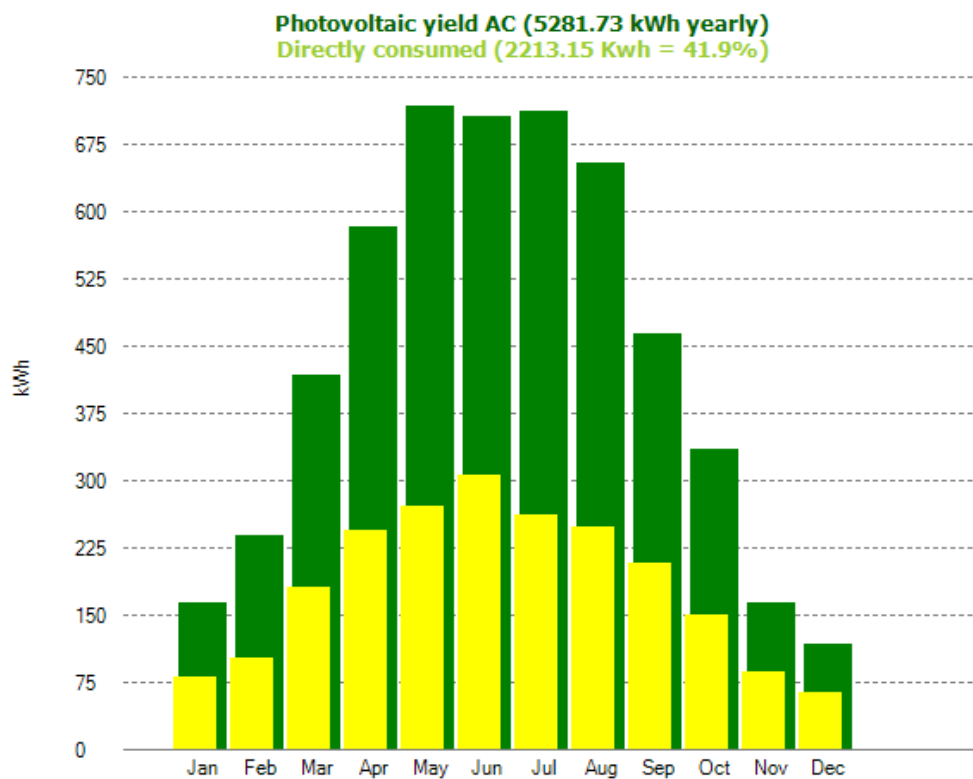


Slope

**MPP Tracker 1:**

Number of strings	1
Number of modules per string	12
Total number of modules (Tracker 1)	12
Orientation	0,00
Slope	19,30

Yield photovoltaic (PV) AC [Qinv]



Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
kWh	PV system yield AC											
	5282	165	239	417	584	718	707	712	655	465	336	165

Own consumption (41,90%)

2213	82	103	181	246	272	306	263	249	209	151	87	64
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Power to the grid

3741	428	364	288	254	213	211	228	267	301	332	416	440
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Irradiation at module level

29019	877	1273	2226	3162	3958	3925	3984	3681	2567	1834	894	637
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PV system yield DC

5377	168	243	425	594	731	720	725	667	473	342	168	121
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