



Basic Info

Project Name
EU-202404-SD-
Demo-PV

Address



Alcorcón, Madrid,
Spain

Grid Parameters
230V L-N,400V L-
L

Weather Station
Alcorcón SP



With Optimizer

DC Capacity
1,049.125 kWp



Without Optimizer

DC Capacity
983.18 kWp

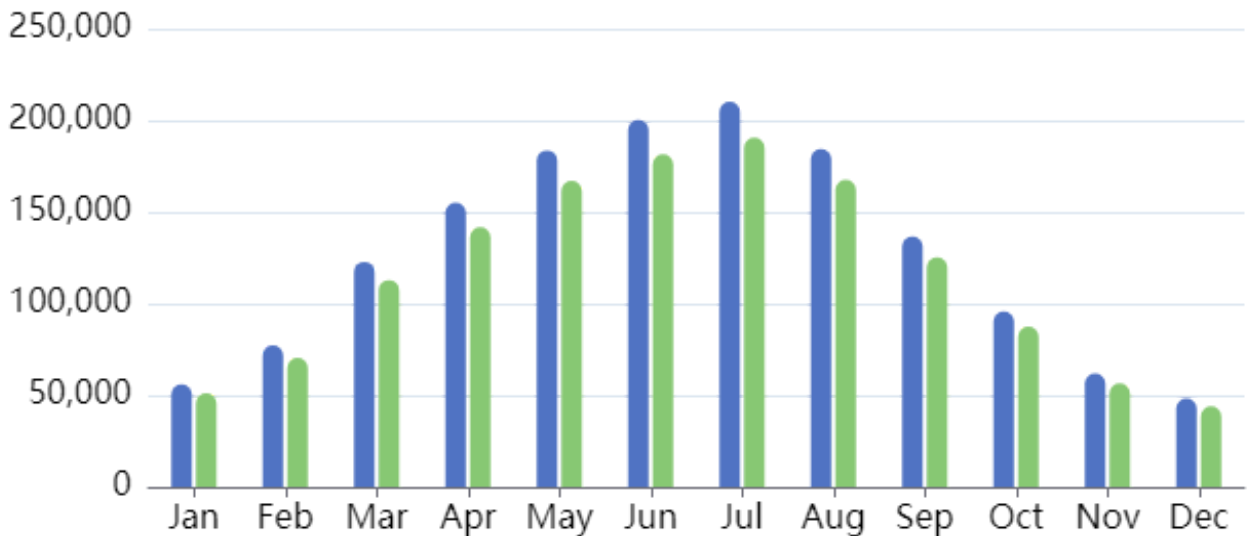
Annual Energy Yield

1,532,377.31 kWh

1,396,536.21 kWh

Annual Power Generation Forecast

kWh



With Optimizer Without Optimizer

Energy Yield



Devices

Inverter Model	SUN2000-30KTL-M3 × 2;SUN5000-150K-MG0 × 5	SUN2000-115KTL-M2 × 6;SUN2000-15K-MB0 × 4
PV Module	LONGi/LR5-72HBD-545 × 1925	LONGi/LR5-72HBD-545 × 1804
Optimizer Model	MERC-1100W-P × 968	
ESS Cabinet		
ESS Container		

Economy

LCOE	0.05 EUR/kWh	0.05 EUR/kWh
NPV	2,698,757.64 EUR	2,384,833.44 EUR
IRR	24.1%	24.46%
Payback Period	4.03 years	3.94 years

Cumulative Cash Flow Chart

