

## European Solar and Energy Storage Solutions

# Heard and McDonald Islands re jrc ec europa pvgis tools en tools html



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### New Map Shows Solar Electricity Potential of European Regions

A new map published by the European Commission shows the photovoltaic solar energy potential of different parts of Europe. Photovoltaic Solar Cells convert sunlight directly into electricity. ...



### PVMAPS

### Getting started with PVGIS

At the moment the calculations that can be made with PVGIS are: Performance of grid-connected PV Here you can calculate the long-term average energy output from PV systems that are connected to the electricity grid so that the energy produced can be used locally or sent to the grid. This works for fixed PV systems, where the PV modules are mounted in a fixed position, ...



### UKERC EDC: Data Catalogue

Aggregated data of solar and PV potential for European countries and regions is available. Monthly/daily irradiance data via clickable maps. Location can also be specified using latitude and longitude. Output as graphs, webpage, text file or PDF.

This is the download page for a suite of tools and data sets for producing digital maps of solar irradiation and PV energy yield predictions. These tools have been used to produce maps and data sets for the PVGIS online PV estimation tool. User's Manual The user's manual explains how to install the software and data and how to run the different



## New Map Shows Solar Electricity Potential of European Regions

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## Practical Handbook for Regional Authorities 17

NUTS-1 and NUTS-2 level is available as part of the JRC 's EMHIRE\$ dataset\$, generated using PVGIS's algorithms. Relevance for regional authorities PVGIS is useful for local authorities who are planning installation of PV on public buildings or are preparing



## Photovoltaic Geographical Information System , European Commission

PVGIS can be used to calculate how much energy different kinds of photovoltaic systems can be



generated at any location in Europe and Africa, as well as a large part of Asia and America. Find out more about the PVGIS Tool .

## The European Commission's

PVGIS online tool for making quick estimates of PV energy yield and solar irradiation. The tool is freely available to everybody. The last version, PVGIS-5, was launched in 2017 with enhanced capabilities. Online tools: EUMETSAT CM SAF 5th User workshop, 4

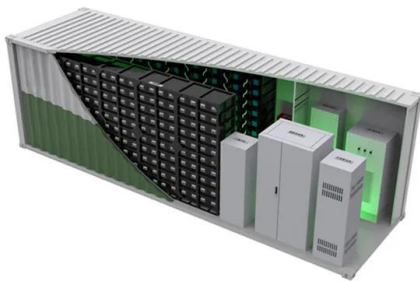
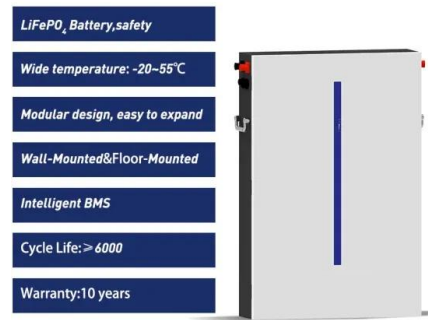


## PVGIS Internet tools for the assessment of photovoltaic solar ...

The Photovoltaic Geographical Information System (PVGIS) provides web access to: solar radiation and temperature data o PV performance assessment tools PVGIS Internet tools for the assessment of photovoltaic solar energy systems - European Commission

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o PVGIS helps regional and local policy-makers to assess the potential for PV and other solar energy installations for single locations or discrete sets of locations o PVMAPS can be used to perform geospatial estimates of PV performance, suitable



## Heard Island and McDonald Islands , DOPA Explorer

eConservation is an application of the Digital Observatory for Protected Areas (DOPA) developed by the Joint Research Centre of the European Commission. With a focus on EU funding, eConservation provides critical information on funding from public donors worldwide to support biodiversity conservation.

## API non-interactive service

All the PVGIS tools can be accessed non-interactively using our web APIs. The entry points are: PVGIS 5.3: [https://re.jrc.ecropa.eu/api/v5\\_3/tool\\_name?param1=value1&param2=value2](https://re.jrc.ecropa.eu/api/v5_3/tool_name?param1=value1&param2=value2) PVGIS 5.2: [https://re.jrc.ecropa.eu/api/v5\\_2/tool\\_name?param1=value1&param2=value2](https://re.jrc.ecropa.eu/api/v5_2/tool_name?param1=value1&param2=value2)



## PVGIS

Para los cálculos de sistemas fotovoltaicos en España y Europa, lo mejor es seleccionar la opción PVGIS-SARAH2: Hay otras bases de datos que puedes elegir si tu sistema fotovoltaico no está en Europa, para que sepas cuál es el más adecuado para ti, puedes recurrir al siguiente mapa donde puedes ver qué base de datos de radiación solar



## European Union, Trade in goods with Heard and McDonald ...

European Commission Directorate-General for Trade 16-05-2024 2 Units R4 / A3 European Union, Trade with Heard and McDonald Islands

| Key Figures        | Indicator          | Unit        | Period    | Imports | Exports |
|--------------------|--------------------|-------------|-----------|---------|---------|
| Total trade        | Balance            | Last year   | Mio euros | 2023    | 0 0     |
| 0 0                | Rank as EU partner | 2023        | 215       | 215     | 215     |
| Share in EU trade  | %                  | 2023        | 0.0       | 0.0     | 0.0     |
| Annual growth rate | %                  | 2022 - 2023 | 16.5      | -46.4   |         |



## PVGIS 5.1

PVGIS-CMSAF (Europe, Africa). This database has a significantly larger uncertainty than SARAH and cannot be extended temporally any more. PVGIS-CMSAF will be removed in 2021. PVGIS-COSMO. ERA5 will remain as the only alternative in regions outside the coverage of satellite-based databases. PVGIS-COSMO will be removed in 2021.

## Photovoltaic Geographical Information System (PVGIS)

Hourly data set of nine climatic variables over a "typical" year, formatted for building energy calculation tools. Key Features Free and open

access to photovoltaic (PV) electricity generation potential for different technologies and configurations.



## PVGIS contact points

Questions and comments about PVGIS can be sent to our PVGIS team: JRC-PVGIS ec [dot] europa [dot] eu (JRC-PVGIS[at]ec[dot]europa[dot]eu). Our address is: European Commission, Joint Research Centre Energy Efficiency and Renewables Unit

## Contact Us

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For catalog requests, pricing, or partnerships, please visit:  
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