



## Photovoltaic Power Systems Programme

# Performance Database

The Performance Database of Task 2 of the Photovoltaic Power Systems Programme (PVPS) of the International Energy Agency (IEA) is designed to provide PV system specialists, industry, utility executives, manufacturers, system designers, installers and the education sector with suitable information on the operational performance, reliability and sizing of photovoltaic (PV) power systems and components. The benefit of the Performance Database lies in sharing technical information focusing on long-term performance and reliability of PV systems and providing tools for practical and educational purposes.

### Database programme

- Internet download for free at [www.iea-pvps-task2.org](http://www.iea-pvps-task2.org) (49 MB)
- English language
- First release in July 2001
- Last Update in June 2005
- Financed by the German Federal Ministry of the Environment, Nature Conservation and Nuclear Safety (BMU)

### Database contents

- Information on 431 photovoltaic systems in IEA countries worldwide
- Grid-connected, off-grid and hybrid photovoltaic systems of 1 kW up to 3 MW
- General system information (size, system type, mounting, location, cost, photo)
- System configuration and component data
- Monitoring data (values of monthly energies, irradiation and temperature)
- Calculated data (monthly and annual values of performance indicators)

### Programme specifications

- PC of 64 MB RAM, 100 MB hard disk space
- Windows 95/98, NT4.0, 2000, XP
- Excel 97/2000 for reports and data exports
- Filter, selection and easy navigation through the database
- Import and export tools



### Further Information is available from:

Ulrike Jahn (Operating Agent)  
Institut für Solarenergieforschung GmbH  
Hameln/Emmerthal (ISFH)  
Germany  
Fax: +49 (0) 91 31 - 48 19 82  
Email: [ujahn@easynet.de](mailto:ujahn@easynet.de)  
Website: [www.iea-pvps-task2.org](http://www.iea-pvps-task2.org)