



GREEN Solar Academy

Africa's Premier Solar Power Training Institute



powered by **DGS**

GREEN Solar Academy offers training with input from two continents and especially shaped for business founders and those who want to change their career into solar photovoltaics. All training is in line with the standards set by the German Solar Energy Society DGS and is frequently reviewed and updated.

SuperSolarSchool – 5-day compact course

The SuperSolarSchool provides participants with everything they need to know about solar PV. It is 5 days of training covering all important topics. In every session, we set a strong focus on practical application. The participants learn about electrotechnical basics and functionality of PV systems, how to install systems correctly according to international standards and how to plan and manage a project and size the system including the battery pack according the client's requirements.

Three courses in one week

The Super Solar School is a one week training which includes the following 3 courses:

- Solar Power Sunrise Intermediate Course,
- Solar Power Technician Course,
- Solar Power Designer Course,

The SuperSolarSchool is available as:

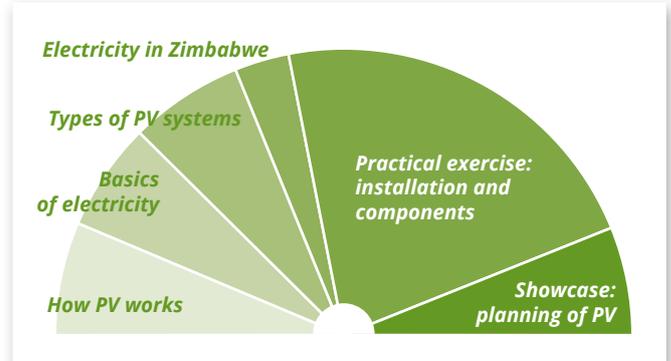
- SuperSolarSchool back-up PV systems
- SuperSolarSchool off-grid PV systems

Who should participate?

The course is open to all participants who want to gain knowledge in solar PV. Interactive exercises and involvement of the participants make the course content easy to understand and interesting to follow. Lecturers with practical experience connect the participants with the industry so it is the ideal course for everyone who wants a flying start in solar photovoltaics.

- Newcomers
- All employees of solar companies
- Entrepreneurs and business founders
- Electricians and electrical engineers
- Professionals looking for continuing training with minimum time expenditure

Course content



Basics:

- Basics of solar electricity (series, parallel connection, current, voltage and their influence on yields, I-V-characteristic curve),
- Exercises with solar experimental kits,
- PV system concepts (stand-alone, grid-tied, back-up, off-grid)

Practical Installation of PV Systems:

- Site survey and customer consultation (data collection & client visit),
- Guided installation of a complete system on a training roof,
- Wiring and commissioning of inverter and battery bank
- Chronological overview of all the steps of a PV project implementation

System sizing and project management:

- Sizing of PV plant components according to the client's consumption (selection criteria)
- Cost calculation and quote preparation
- Matching of components and cross-checks according to climate conditions
- Marketing and quality assurance for PV businesses

Pre-requisites:

- Interest in PV

Fees

ZAR 12,500 excl. VAT per person

ZAR 10,625 excl. VAT p. p. for early birds registering 8 weeks before

Including: Lunch, coffee breaks, training handouts, certificate fees.

Alumni benefit:

- Get 10% discount on GREEN Solar Academy courses
- Join the GREEN networking events
- Become part of a strong photovoltaic network of technical competence.

Registration

Online registration:

www.solar-training.org/zimbabwe

or email to: zimbabwe@solar-training.org

or call Nicholas: +263 24 233 3213 / +263 71 277 9911

email: nicholas@solar-training.org

Location

Harare, Zimbabwe

Trainers

2 trainers certified by the GREEN Solar Academy

Schedule

5 days, daily from 9am to 5pm. Dates are available online.

Contact

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About GREEN Solar Academy

The GREEN Solar Academy PTY Ltd. is an independent training provider and a spin-off of the maxx-solar academy. Our academies follow the German DGS SolarSchool approach and all academies and courses are accredited by the German Solar Energy Society (DGS).

GREEN stands for Global Renewable Energy & Efficiency Network as our goal is not only to provide training but to build up a network of PV installers all over Africa. GREEN is the link between manufacturers, wholesalers, associations and PV installers, our alumni.

All you need to know -in 5 days!

You will learn how to start or professionalise your solar power business in only one week!

Our most popular course is the SuperSolarSchool. It is a 5-day compact training that allows the participants to learn as much as possible in a short amount of time. The one week of training covers basic topics, a complete practical installation, and planning and design exercises. The course is ideal for business owners or staff members who are naturally short of time. Other than formal training, this short course is most time efficient and equips the participants with the basic skills to achieve success in solar PV. But be prepared, our pace is high, the 5 days are full of information, activities and exercises to get the maximum out of your precious time. After the SuperSolarSchool, you can do level 2 professional courses, e.g. the Designer for PV farms or the Designer grid-tied Course.

Our unique approach

The approach of all training through the GREEN Solar Academy is aimed to be as practical as possible. All courses place considerable emphasis on hands-on exercises to not only teach theoretical knowledge but also involve practical applications. To further increase the practical relevance we offer frequent exchange with the PV industry and keep in touch with all participants in our alumni meetings.

Our academy at a glance

- Updated training programmes keeping pace with market requirements and trends
- Skilled, certified and practically experienced trainers
- Fully equipped training facilities with mock roofs and operating sample PV systems
- Small group sizes allow for intensive feedback to each participant
- Modern teaching methods, such as interactive sessions, learning questions and different types of self-tests to optimize the learning effect
- International and national accreditation for selected courses (DGS, SAIEE, SAQA, SAPVIA)
- Cooperation with renowned training organisations, such as Life Choices, Resolution Circle and Young Africa
- Comprehensive alumni programme with frequent networking meetings



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