



## Technical consulting

- Based on 20 years of project experience
- Advice on planning, design and dimensioning

## Engineering

- Technical planning of the DC and AC side connections
- Load-flow calculations with simulation tools

## Project management

- Seamless order execution and flexible manufacturing
- Dedicated contact person and coordinated commissioning

## Service

- Global service infrastructure with 85 service hubs
- Modular service concept with individual contract options

## Premium project management

Worldwide expertise and seamless support

From initial consulting to final commissioning: with SMA, you will always have a team of experienced specialists at your side to help you achieve the best configuration and highest yields with your PV power plant. 20 years of worldwide project experience and the concentrated expertise of SMA employees guarantee maximum success. Your PV power plant projects will be in good hands for its entire lifecycle.

## Successful right from the start

Consulting and planning support, system technology, project management and service from one source: with SMA as a project partner, customers can ensure the success of their power plant project right from the very beginning.

Decades of expertise, worldwide professional expertise and individually configurable complete solutions with system technology guarantee excellent conditions for any PV project. SMA's expertise in power plant project is renowned, and we will use it to assist customers from the initial planning stage and seamless order execution to successful commissioning and globally accessible service infrastructure.

The initial inquiry for the planning of a large-scale PV plant already sets the ball rolling at SMA. Our team of specialists is waiting for your questions on plant dimensioning, modules and inverters, and solutions involving communications and specific regional conditions on grid requirements and access. These specialists will conduct in-depth consultations to determine the optimum design for any large-scale PV plant.

Qualified project managers ensure that the order is executed properly and the components are delivered on time. They also work with the service team to coordinate the successful commissioning. The modular SMA service agreements can be customized for anywhere in the world.

To help with the clarification of difficult situations or in complex negotiations with energy supply companies or local utilities our experts are available on-site.

## All services at a glance

### Technical Consulting

- Advice on planning, design and dimensioning
- Definition of components for the specific PV modules in use
- Arrangement of all system components
- Determination and evaluation of local grid requirements
- Creation of detailed customer-specific solutions

### Engineering

- Creation of a DC wiring plan
- Determination of combiners in the module field
- Definition of lines and fuses
- Draft report on what communication devices are necessary
- Static load-flow calculations with simulation tools
- Planning for the AC grid connection

### Project management

- Seamless order processing and flexible manufacturing based on customer input
- Flexible adjustment of the delivery chain with guaranteed delivery deadlines
- Construction site coordination for the delivery of components
- On-site coordination of all processes
- Consulting from dedicated contact person in all project phases
- Coordinated commissioning with SMA Service
- Optimal parameterization of devices for the project

### Service

The following pages contain more information on the global SMA service infrastructure and modular service concept.

## End-to-end project management

